

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
 Data File : VN066510.D
 Acq On : 7 Apr 2021 17:01
 Operator : JC/MD
 Sample : VN0407WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 11:54:15 AM

Quant Time: Apr 08 01:55:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.584	168	279554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	437912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	405638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	181881	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	188931	51.32	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.64%
35) Dibromofluoromethane	7.507	113	144502	48.41	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.82%
50) Toluene-d8	10.025	98	549391	48.45	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.90%
62) 4-Bromofluorobenzene	12.345	95	174373	47.42	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.84%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.818	85	62988	19.94	ug/l 97
3) Chloromethane	2.017	50	79437	19.20	ug/l 99
4) Vinyl Chloride	2.143	62	85351	18.33	ug/l 100
5) Bromomethane	2.510	94	61007	18.00	ug/l 100
6) Chloroethane	2.647	64	56766	18.62	ug/l 99
7) Trichlorofluoromethane	2.958	101	115766	18.92	ug/l 100
8) Diethyl Ether	3.339	74	33520	20.04	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.682	101	50348	19.34	ug/l 98
10) Methyl Iodide	3.870	142	75269	19.81	ug/l 100
11) Tert butyl alcohol	4.680	59	54709	92.09	ug/l 100
12) 1,1-Dichloroethene	3.658	96	49183	18.93	ug/l 90
13) Acrolein	3.529	56	24328	78.13	ug/l 100
14) Allyl chloride	4.232	41	84257	19.20	ug/l 94
15) Acrylonitrile	4.878	53	147179	87.41	ug/l 97
16) Acetone	3.733	43	124993	81.00	ug/l 95
17) Carbon Disulfide	3.969	76	151879	18.11	ug/l 100
18) Methyl Acetate	4.232	43	69206	17.93	ug/l 96
19) Methyl tert-butyl Ether	4.937	73	175820	19.25	ug/l 100
20) Methylene Chloride	4.455	84	63418	19.14	ug/l 95
21) trans-1,2-Dichloroethene	4.937	96	56402	18.74	ug/l 97
22) Diisopropyl ether	5.852	45	194426	19.58	ug/l 92
23) Vinyl Acetate	5.790	43	809889	93.47	ug/l 100
24) 1,1-Dichloroethane	5.742	63	111643	19.79	ug/l 99
25) 2-Butanone	6.737	43	195066	84.26	ug/l 100
26) 2,2-Dichloropropane	6.724	77	55693	11.58	ug/l 77
27) cis-1,2-Dichloroethene	6.732	96	64576	18.72	ug/l 96
28) Bromochloromethane	7.099	49	54960	18.82	ug/l 96
29) Tetrahydrofuran	7.115	42	128633	82.80	ug/l 99
30) Chloroform	7.284	83	112402	19.77	ug/l 100
31) Cyclohexane	7.574	56	90587	17.89	ug/l 94
32) 1,1,1-Trichloroethane	7.485	97	95950	19.50	ug/l 100
36) 1,1-Dichloropropene	7.713	75	75100	17.65	ug/l 98
37) Ethyl Acetate	6.833	43	81471	15.47	ug/l 100
38) Carbon Tetrachloride	7.692	117	78539	18.21	ug/l 97
39) Methylcyclohexane	9.011	83	82316	16.91	ug/l 99
40) Benzene	7.963	78	251553	18.88	ug/l 99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
 Data File : VN066510.D
 Acq On : 7 Apr 2021 17:01
 Operator : JC/MD
 Sample : VN0407WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 11:54:15 AM

Quant Time: Apr 08 01:55:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	36994	14.53	ug/l #	84
42) 1,2-Dichloroethane	8.043	62	88808	19.07	ug/l	100
43) Isopropyl Acetate	8.089	43	141386	17.34	ug/l #	91
44) Trichloroethene	8.765	130	61296	17.86	ug/l	96
45) 1,2-Dichloropropane	9.046	63	69716	19.65	ug/l	99
46) Dibromomethane	9.140	93	43022	18.59	ug/l	99
47) Bromodichloromethane	9.336	83	89540	18.86	ug/l	99
48) Methyl methacrylate	9.132	41	58353	16.12	ug/l	95
49) 1,4-Dioxane	9.135	88	18300	372.57	ug/l	97
51) 4-Methyl-2-Pentanone	9.920	43	402998	83.19	ug/l	99
52) Toluene	10.089	92	152749	18.91	ug/l	97
53) t-1,3-Dichloropropene	10.320	75	85442	17.26	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	92497	17.03	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	61906	18.65	ug/l	99
56) Ethyl methacrylate	10.371	69	79145	17.34	ug/l	96
57) 1,3-Dichloropropane	10.645	76	101750	18.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	50766	93.43	ug/l	99
59) 2-Hexanone	10.693	43	257248	78.46	ug/l	98
60) Dibromochloromethane	10.840	129	67477	18.37	ug/l	97
61) 1,2-Dibromoethane	10.945	107	62345	18.17	ug/l	98
64) Tetrachloroethene	10.569	164	64251	18.85	ug/l	98
65) Chlorobenzene	11.374	112	159179	18.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	60715	18.94	ug/l	99
67) Ethyl Benzene	11.452	91	271295	18.64	ug/l	97
68) m/p-Xylenes	11.564	106	201069	37.05	ug/l	97
69) o-Xylene	11.889	106	96486	18.28	ug/l	98
70) Styrene	11.908	104	151755	17.55	ug/l	98
71) Bromoform	12.071	173	46367	17.94	ug/l #	97
73) Isopropylbenzene	12.192	105	252722	19.14	ug/l	99
74) N-amyl acetate	12.026	43	26353	17.13	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.447	83	84394	17.16	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	72324m	17.63	ug/l	
77) Bromobenzene	12.468	156	66332	18.96	ug/l	95
78) n-propylbenzene	12.535	91	280714	18.97	ug/l	99
79) 2-Chlorotoluene	12.618	91	174366	19.40	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	213162	19.48	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.251	75	16926	15.92	ug/l	95
82) 4-Chlorotoluene	12.718	91	171184	19.28	ug/l	100
83) tert-Butylbenzene	12.938	119	176907	17.88	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	201870	19.06	ug/l	100
85) sec-Butylbenzene	13.115	105	230874	18.67	ug/l	99
86) p-Isopropyltoluene	13.233	119	201302	18.97	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	111486	18.57	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	106060	17.92	ug/l	98
89) n-Butylbenzene	13.560	91	160528	16.83	ug/l	96
90) Hexachloroethane	13.815	117	40021	18.05	ug/l	98
91) 1,2-Dichlorobenzene	13.597	146	114040	19.21	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.233	75	13644	14.98	ug/l	93
93) 1,2,4-Trichlorobenzene	14.984	180	59875	17.73	ug/l	98
94) Hexachlorobutadiene	15.107	225	33900	16.41	ug/l	98
95) Naphthalene	15.266	128	143874	14.95	ug/l	99
96) 1,2,3-Trichlorobenzene	15.502	180	55143	16.45	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
Data File : VN066510.D
Acq On : 7 Apr 2021 17:01
Operator : JC/MD
Sample : VN0407WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

Manual Integrations
APPROVED

MMDadoda
4/9/2021 11:54:15 AM

Quant Time: Apr 08 01:55:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 15:38:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040721\
 Data File : VN066510.D
 Acq On : 7 Apr 2021 17:01
 Operator : JC/MD
 Sample : VN0407WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2021 11:54:15 AM

Quant Time: Apr 08 01:55:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

