

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062764.D
 Acq On : 6 Aug 2020 14:12
 Operator : JC/MD
 Sample : VN0806WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:50:42 PM

Quant Time: Aug 07 03:39:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130232	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	7.55	113	90277	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.06	98	342850	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.38	95	129179	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52090	21.357	ug/l	98
3) Chloromethane	2.04	50	52052	22.615	ug/l	99
4) Vinyl Chloride	2.16	62	48952	22.676	ug/l	96
5) Bromomethane	2.52	94	29668	20.760	ug/l	94
6) Chloroethane	2.66	64	28392	19.991	ug/l	96
7) Trichlorofluoromethane	2.97	101	71870	18.670	ug/l	98
8) Diethyl Ether	3.37	74	19839	18.003	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.71	101	32359	20.321	ug/l	97
10) Methyl Iodide	3.91	142	33679	18.051	ug/l	97
11) Tert butyl alcohol	4.74	59	41504	89.903	ug/l	99
12) 1,1-Dichloroethene	3.69	96	28906	19.207	ug/l	92
13) Acrolein	3.57	56	21061	75.348	ug/l	99
14) Allyl chloride	4.27	41	56029	18.788	ug/l	95
15) Acrylonitrile	4.93	53	103448	96.612	ug/l	99
16) Acetone	3.78	43	93344	91.713	ug/l	100
17) Carbon Disulfide	4.00	76	77272	18.172	ug/l	100
18) Methyl Acetate	4.28	43	48072	19.276	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	118992	18.031	ug/l	100
20) Methylene Chloride	4.50	84	35354	18.502	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	30292	17.772	ug/l	95
22) Diisopropyl ether	5.90	45	127346	20.060	ug/l	93
23) Vinyl Acetate	5.84	43	436386	90.374	ug/l	100
24) 1,1-Dichloroethane	5.79	63	66458	17.864	ug/l	99
25) 2-Butanone	6.79	43	136084	94.404	ug/l	96
26) 2,2-Dichloropropane	6.77	77	59878	17.461	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	37435	18.308	ug/l	96
28) Bromochloromethane	7.15	49	34998	19.492	ug/l	99
29) Tetrahydrofuran	7.17	42	89367	95.427	ug/l	99
30) Chloroform	7.33	83	71824	18.166	ug/l	99
31) Cyclohexane	7.61	56	65432	19.160	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	62507	17.683	ug/l	98
36) 1,1-Dichloropropene	7.75	75	46939	17.823	ug/l	97
37) Ethyl Acetate	6.88	43	52003	18.903	ug/l	98
38) Carbon Tetrachloride	7.73	117	53899	17.304	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062764.D
 Acq On : 6 Aug 2020 14:12
 Operator : JC/MD
 Sample : VN0806WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:50:42 PM

Quant Time: Aug 07 03:39:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	59988	18.927	ug/l	97
40) Benzene	8.00	78	144675	18.409	ug/l	100
41) Methacrylonitrile	7.13	41	25805	20.787	ug/l #	71
42) 1,2-Dichloroethane	8.08	62	60825	18.184	ug/l	98
43) Isopropyl Acetate	8.13	43	85784	18.694	ug/l	99
44) Trichloroethene	8.80	130	34188	17.856	ug/l	96
45) 1,2-Dichloropropane	9.08	63	40658	19.115	ug/l	93
46) Dibromomethane	9.17	93	25553	18.335	ug/l	98
47) Bromodichloromethane	9.37	83	58330	18.635	ug/l	99
48) Methyl methacrylate	9.17	41	40301	17.856	ug/l	98
49) 1,4-Dioxane	9.17	88	16813	402.015	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	288202	97.070	ug/l	99
52) Toluene	10.12	92	89966	18.541	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	61633	17.901	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	63188	18.279	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	37835	18.257	ug/l	99
56) Ethyl methacrylate	10.40	69	58166	18.647	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66032	18.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	81774	92.744	ug/l	98
59) 2-Hexanone	10.72	43	212595	95.993	ug/l	98
60) Dibromochloromethane	10.87	129	42243	17.862	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37221	18.202	ug/l	99
64) Tetrachloroethene	10.60	164	30769	18.775	ug/l	96
65) Chlorobenzene	11.41	112	97259	18.318	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38083	17.861	ug/l	98
67) Ethyl Benzene	11.48	91	173652	18.277	ug/l	98
68) m/p-Xylenes	11.60	106	129865	37.653	ug/l	98
69) o-Xylene	11.92	106	62584	19.363	ug/l	96
70) Styrene	11.94	104	107386	18.902	ug/l	98
71) Bromoform	12.10	173	30295	17.366	ug/l #	99
73) Isopropylbenzene	12.22	105	173799	19.551	ug/l	99
74) N-amyl acetate	12.05	43	71541	19.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	58894	18.820	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	58567m	18.395	ug/l	
77) Bromobenzene	12.50	156	41341	18.717	ug/l	99
78) n-propylbenzene	12.57	91	204146	19.564	ug/l	99
79) 2-Chlorotoluene	12.65	91	124400	19.011	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	152032	19.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	19316	18.521	ug/l	96
82) 4-Chlorotoluene	12.75	91	129311	19.176	ug/l	99
83) tert-Butylbenzene	12.97	119	126456	19.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	145680	19.745	ug/l	100
85) sec-Butylbenzene	13.15	105	169502	19.780	ug/l	100
86) p-Isopropyltoluene	13.26	119	147828	19.434	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	73370	18.594	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	72375	18.288	ug/l	98
89) n-Butylbenzene	13.59	91	121080	18.821	ug/l	97
90) Hexachloroethane	13.85	117	29762	18.152	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	70345	19.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12009	17.875	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
Data File : VN062764.D
Acq On : 6 Aug 2020 14:12
Operator : JC/MD
Sample : VN0806WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Manual Integrations
APPROVED

MMDadoda
8/7/2020 12:50:42 PM

Quant Time: Aug 07 03:39:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	30939	17.860	ug/l	98
94) Hexachlorobutadiene	14.98	225	22748	18.564	ug/l	97
95) Naphthalene	15.11	128	79984	17.353	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	31788	18.084	ug/l	97

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

