

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066614.D
 Acq On : 15 Apr 2021 16:20
 Operator : JC/MD
 Sample : VN0415WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBS01

Manual Integrations
 APPROVED

SAM
 4/16/2021 5:22:01 PM

Quant Time: Apr 16 07:51:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.586	168	206230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	335584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	313839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	143108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.950	65	140920	45.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.58%		
35) Dibromofluoromethane	7.508	113	111184	47.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.54%		
50) Toluene-d8	10.026	98	429750	47.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.24%		
62) 4-Bromofluorobenzene	12.346	95	149957	46.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.52%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.833	85	45249	18.06	ug/l	99
3) Chloromethane	2.031	50	63619	17.42	ug/l	98
4) Vinyl Chloride	2.160	62	58006	18.23	ug/l	98
5) Bromomethane	2.487	94	36999	18.68	ug/l	100
6) Chloroethane	2.643	64	33202	17.41	ug/l	97
7) Trichlorofluoromethane	2.959	101	64195	17.42	ug/l	99
8) Diethyl Ether	3.354	74	27859	18.50	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.683	101	39830	18.30	ug/l	98
10) Methyl Iodide	3.877	142	55461	18.35	ug/l	100
11) Tert butyl alcohol	4.708	59	48069	96.27	ug/l	99
12) 1,1-Dichloroethene	3.667	96	39167	18.38	ug/l	90
13) Acrolein	3.541	56	23118	86.88	ug/l	99
14) Allyl chloride	4.241	41	82431	89.74	ug/l	95
15) Acrylonitrile	4.890	53	126455	92.00	ug/l	100
16) Acetone	3.750	43	104296	88.28	ug/l	97
17) Carbon Disulfide	3.976	76	120668	16.80	ug/l	99
18) Methyl Acetate	4.247	43	61711	18.42	ug/l	92
19) Methyl tert-butyl Ether	4.952	73	139632	18.50	ug/l	95
20) Methylene Chloride	4.464	84	50245	17.09	ug/l	93
21) trans-1,2-Dichloroethene	4.944	96	43374	18.08	ug/l	88
22) Diisopropyl ether	5.859	45	168599	18.50	ug/l	92
23) Vinyl Acetate	5.802	43	695034	91.32	ug/l	96
24) 1,1-Dichloroethane	5.751	63	89060	17.95	ug/l	98
25) 2-Butanone	6.746	43	164769	89.85	ug/l	92
26) 2,2-Dichloropropane	6.730	77	70928	18.03	ug/l	98
27) cis-1,2-Dichloroethene	6.736	96	51017	18.35	ug/l	92
28) Bromochloromethane	7.106	49	44533	17.31	ug/l	83
29) Tetrahydrofuran	7.127	42	113721	92.14	ug/l	90
30) Chloroform	7.288	83	83855	17.96	ug/l	99
31) Cyclohexane	7.575	56	79582	17.79	ug/l	94
32) 1,1,1-Trichloroethane	7.486	97	69651	18.06	ug/l	97
36) 1,1-Dichloropropene	7.714	75	61529	18.19	ug/l	99
37) Ethyl Acetate	6.840	43	74046	19.31	ug/l	97
38) Carbon Tetrachloride	7.693	117	57460	18.13	ug/l	98
39) Methylcyclohexane	9.013	83	72401	18.80	ug/l	90
40) Benzene	7.967	78	198279	18.30	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
 Data File : VN066614.D
 Acq On : 15 Apr 2021 16:20
 Operator : JC/MD
 Sample : VN0415WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0415WBS01

Manual Integrations
 APPROVED

SAM
 4/16/2021 5:22:01 PM

Quant Time: Apr 16 07:51:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 15 19:16:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	31167	17.76	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	67237	18.07	ug/l	99
43) Isopropyl Acetate	8.090	43	115948	18.10	ug/l #	86
44) Trichloroethene	8.766	130	46017	18.39	ug/l	100
45) 1,2-Dichloropropane	9.050	63	54778	18.16	ug/l	99
46) Dibromomethane	9.141	93	32677	18.06	ug/l	96
47) Bromodichloromethane	9.337	83	68063	18.33	ug/l	98
48) Methyl methacrylate	9.136	41	53835	18.68	ug/l	89
49) 1,4-Dioxane	9.139	88	17835	355.68	ug/l	88
51) 4-Methyl-2-Pentanone	9.919	43	351573	93.26	ug/l	95
52) Toluene	10.093	92	120853	18.93	ug/l	100
53) t-1,3-Dichloropropene	10.321	75	74315	18.53	ug/l	99
54) cis-1,3-Dichloropropene	9.777	75	81128	18.36	ug/l	92
55) 1,1,2-Trichloroethane	10.501	97	47173	17.89	ug/l	95
56) Ethyl methacrylate	10.370	69	67977	18.07	ug/l	89
57) 1,3-Dichloropropane	10.646	76	81518	18.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	54223	89.72	ug/l	93
59) 2-Hexanone	10.694	43	224418	86.79	ug/l	95
60) Dibromochloromethane	10.842	129	50478	18.35	ug/l	99
61) 1,2-Dibromoethane	10.946	107	48225	18.61	ug/l	99
64) Tetrachloroethene	10.571	164	41732	19.11	ug/l	99
65) Chlorobenzene	11.375	112	126416	18.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	46563	18.80	ug/l	98
67) Ethyl Benzene	11.453	91	224714	18.91	ug/l	97
68) m/p-Xylenes	11.566	106	171177	39.47	ug/l	98
69) o-Xylene	11.890	106	82652	19.53	ug/l	100
70) Styrene	11.909	104	130774	19.83	ug/l	97
71) Bromoform	12.073	173	35951	19.23	ug/l #	97
73) Isopropylbenzene	12.193	105	216095	19.83	ug/l	100
74) N-amyl acetate	12.030	43	23601	15.53	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.448	83	76475	18.85	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	67508m	20.17	ug/l	
77) Bromobenzene	12.470	156	54385	20.22	ug/l	94
78) n-propylbenzene	12.534	91	248513	19.72	ug/l	98
79) 2-Chlorotoluene	12.617	91	155300	20.15	ug/l	96
80) 1,3,5-Trimethylbenzene	12.679	105	183066	19.91	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.247	75	18630	18.83	ug/l	97
82) 4-Chlorotoluene	12.716	91	148460	19.58	ug/l	97
83) tert-Butylbenzene	12.936	119	154321	19.94	ug/l	100
84) 1,2,4-Trimethylbenzene	12.985	105	172328	19.85	ug/l	99
85) sec-Butylbenzene	13.116	105	200807	19.20	ug/l	99
86) p-Isopropyltoluene	13.234	119	168486	19.64	ug/l	100
87) 1,3-Dichlorobenzene	13.229	146	88656	18.65	ug/l	99
88) 1,4-Dichlorobenzene	13.309	146	93249	19.33	ug/l	99
89) n-Butylbenzene	13.561	91	135627	18.88	ug/l	96
90) Hexachloroethane	13.813	117	35234	18.57	ug/l	97
91) 1,2-Dichlorobenzene	13.599	146	88511	18.78	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.221	75	11896	17.27	ug/l	84
93) 1,2,4-Trichlorobenzene	14.854	180	46736	17.61	ug/l	99
94) Hexachlorobutadiene	14.948	225	27480	18.32	ug/l	99
95) Naphthalene	15.074	128	122410	16.76	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	45501	16.68	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041521\
Data File : VN066614.D
Acq On : 15 Apr 2021 16:20
Operator : JC/MD
Sample : VN0415WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0415WBS01

Manual Integrations
APPROVED

SAM
4/16/2021 5:22:01 PM

Quant Time: Apr 16 07:51:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041521W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 15 19:16:35 2021
Response via : Initial Calibration

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

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

