

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065521.D
 Acq On : 15 Jan 2021 14:33
 Operator : JC/MD
 Sample : VN0115WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:21:19 PM

Quant Time: Jan 15 23:40:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	227680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	326244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	305853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	151803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	110292	42.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.82%		
35) Dibromofluoromethane	7.553	113	101420	51.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.06%		
50) Toluene-d8	10.058	98	373219	50.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.18%		
62) 4-Bromofluorobenzene	12.376	95	133966	46.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.68%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.849	85	32040	15.21	ug/l	100
3) Chloromethane	2.055	50	41606	17.35	ug/l	98
4) Vinyl Chloride	2.181	62	45859	18.38	ug/l	96
5) Bromomethane	2.547	94	34704	19.57	ug/l	99
6) Chloroethane	2.689	64	31012	19.24	ug/l	100
7) Trichlorofluoromethane	3.004	101	64598	17.31	ug/l	95
8) Diethyl Ether	3.390	74	28167	19.17	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.721	101	40363	19.28	ug/l	96
10) Methyl Iodide	3.917	142	59504	18.82	ug/l	92
11) Tert butyl alcohol	4.769	59	28902	68.72	ug/l #	73
12) 1,1-Dichloroethene	3.701	96	39010	17.44	ug/l	96
13) Acrolein	3.579	56	25627	91.64	ug/l	96
14) Allyl chloride	4.280	41	55245	14.99	ug/l	98
15) Acrylonitrile	4.946	53	93338	91.84	ug/l	99
16) Acetone	3.791	43	73090	59.57	ug/l	91
17) Carbon Disulfide	4.013	76	81919	14.32	ug/l	98
18) Methyl Acetate	4.293	43	44279	19.19	ug/l	98
19) Methyl tert-butyl Ether	5.010	73	124315	17.50	ug/l	100
20) Methylene Chloride	4.508	84	45235	18.04	ug/l	98
21) trans-1,2-Dichloroethene	4.994	96	38776	17.66	ug/l	94
22) Diisopropyl ether	5.917	45	125313	17.08	ug/l	95
23) Vinyl Acetate	5.856	43	481934	77.93	ug/l	98
24) 1,1-Dichloroethane	5.804	63	73312	18.21	ug/l	100
25) 2-Butanone	6.801	43	111315	77.14	ug/l	95
26) 2,2-Dichloropropane	6.779	77	56500	14.69	ug/l	98
27) cis-1,2-Dichloroethene	6.785	96	47895	18.74	ug/l	96
28) Bromochloromethane	7.151	49	28176	15.84	ug/l	88
29) Tetrahydrofuran	7.177	42	75550	80.97	ug/l	97
30) Chloroform	7.332	83	75713	18.27	ug/l	98
31) Cyclohexane	7.611	56	57138	15.05	ug/l	98
32) 1,1,1-Trichloroethane	7.531	97	62477	16.64	ug/l	99
36) 1,1-Dichloropropene	7.753	75	53300	17.97	ug/l	98
37) Ethyl Acetate	6.894	43	46615	15.85	ug/l	96
38) Carbon Tetrachloride	7.733	117	54553	17.51	ug/l	97
39) Methylcyclohexane	9.045	83	59560	16.71	ug/l	99
40) Benzene	8.004	78	170250	19.29	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065521.D
 Acq On : 15 Jan 2021 14:33
 Operator : JC/MD
 Sample : VN0115WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/18/2021 4:21:19 PM

Quant Time: Jan 15 23:40:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	25307m	16.54	ug/l	
42) 1,2-Dichloroethane	8.087	62	58815	18.03	ug/l	100
43) Isopropyl Acetate	8.132	43	80939	15.97	ug/l	97
44) Trichloroethene	8.801	130	50908	19.99	ug/l	91
45) 1,2-Dichloropropane	9.084	63	45007	19.62	ug/l	98
46) Dibromomethane	9.174	93	30570	19.62	ug/l	88
47) Bromodichloromethane	9.370	83	59121	18.00	ug/l	99
48) Methyl methacrylate	9.167	41	39659	16.12	ug/l	97
49) 1,4-Dioxane	9.174	88	12092	303.29	ug/l	98
51) 4-Methyl-2-Pentanone	9.952	43	244418	85.78	ug/l	97
52) Toluene	10.126	92	109525	19.69	ug/l	99
53) t-1,3-Dichloropropene	10.354	75	63185	17.07	ug/l	100
54) cis-1,3-Dichloropropene	9.807	75	70693	17.97	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	46078	20.94	ug/l	97
56) Ethyl methacrylate	10.402	69	62477	18.33	ug/l	97
57) 1,3-Dichloropropane	10.679	76	75507	20.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	141313	95.31	ug/l	99
59) 2-Hexanone	10.724	43	172794	82.50	ug/l	98
60) Dibromochloromethane	10.872	129	48984	18.67	ug/l	99
61) 1,2-Dibromoethane	10.978	107	47414	20.07	ug/l	99
64) Tetrachloroethene	10.602	164	58533	19.71	ug/l	94
65) Chlorobenzene	11.405	112	125182	20.11	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	47908	19.78	ug/l	100
67) Ethyl Benzene	11.483	91	205180	18.29	ug/l	99
68) m/p-Xylenes	11.595	106	160489	37.98	ug/l	96
69) o-Xylene	11.920	106	76670	18.69	ug/l	100
70) Styrene	11.936	104	131731	19.24	ug/l	98
71) Bromoform	12.100	173	36767	17.63	ug/l #	98
73) Isopropylbenzene	12.222	105	204301	17.67	ug/l	98
74) N-amyl acetate	12.045	43	68042	14.78	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.479	83	60539	19.42	ug/l	98
76) 1,2,3-Trichloropropane	12.527	75	54197m	17.50	ug/l	
77) Bromobenzene	12.499	156	61107	20.22	ug/l	85
78) n-propylbenzene	12.566	91	226817	17.38	ug/l	97
79) 2-Chlorotoluene	12.650	91	137555	17.90	ug/l	96
80) 1,3,5-Trimethylbenzene	12.708	105	175469	17.80	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.277	75	18698	15.22	ug/l	92
82) 4-Chlorotoluene	12.746	91	141994	17.94	ug/l	96
83) tert-Butylbenzene	12.968	119	150596	17.93	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	176675	18.41	ug/l	98
85) sec-Butylbenzene	13.145	105	195215	17.52	ug/l	98
86) p-Isopropyltoluene	13.264	119	183236	17.94	ug/l	97
87) 1,3-Dichlorobenzene	13.257	146	100395	19.87	ug/l	96
88) 1,4-Dichlorobenzene	13.338	146	98993	19.52	ug/l	98
89) n-Butylbenzene	13.589	91	146158	16.74	ug/l	98
90) Hexachloroethane	13.846	117	28532	16.24	ug/l	81
91) 1,2-Dichlorobenzene	13.627	146	101677	20.95	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.244	75	11106	17.29	ug/l	88
93) 1,2,4-Trichlorobenzene	14.881	180	55004	20.10	ug/l	98
94) Hexachlorobutadiene	14.981	225	36129	18.86	ug/l	98
95) Naphthalene	15.103	128	134773	19.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	55214	21.76	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
Data File : VN065521.D
Acq On : 15 Jan 2021 14:33
Operator : JC/MD
Sample : VN0115WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS02

Manual Integrations
APPROVED

MMDadoda
1/18/2021 4:21:19 PM

Quant Time: Jan 15 23:40:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

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

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

