

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066234.D
 Acq On : 17 Mar 2021 15:17
 Operator : JC/MD
 Sample : VN0317WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 4:44:26 PM

Quant Time: Mar 18 04:44:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	282247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	476138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	456538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	215500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	214397	52.72	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.44%
35) Dibromofluoromethane	7.507	113	145679	47.96	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.92%
50) Toluene-d8	10.028	98	600014	51.09	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.18%
62) 4-Bromofluorobenzene	12.342	95	208952	49.36	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.72%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.821	85	53159	19.14	ug/l 97
3) Chloromethane	2.022	50	86102	19.05	ug/l 96
4) Vinyl Chloride	2.148	62	69800	17.41	ug/l 97
5) Bromomethane	2.518	94	40327	17.58	ug/l 96
6) Chloroethane	2.655	64	39764	17.15	ug/l 98
7) Trichlorofluoromethane	2.966	101	88542	18.87	ug/l 96
8) Diethyl Ether	3.350	74	32159	16.78	ug/l 100
9) 1,1,2-Trichlorotrifluo...	3.685	101	44789	18.01	ug/l 97
10) Methyl Iodide	3.873	142	59772	16.98	ug/l 99
11) Tert butyl alcohol	4.709	59	59861	86.24	ug/l # 87
12) 1,1-Dichloroethene	3.663	96	43948	16.59	ug/l 93
13) Acrolein	3.535	56	41221	62.65	ug/l 99
14) Allyl chloride	4.232	41	116500	18.56	ug/l 94
15) Acrylonitrile	4.881	53	188835	90.84	ug/l 99
16) Acetone	3.741	43	196616	100.65	ug/l 97
17) Carbon Disulfide	3.969	76	123525	16.50	ug/l 98
18) Methyl Acetate	4.240	43	106881	19.55	ug/l 99
19) Methyl tert-butyl Ether	4.948	73	183699	18.13	ug/l 99
20) Methylene Chloride	4.455	84	54309	17.77	ug/l 90
21) trans-1,2-Dichloroethene	4.932	96	52232	17.79	ug/l 98
22) Diisopropyl ether	5.860	45	248477	19.27	ug/l 96
23) Vinyl Acetate	5.798	43	1004925	90.88	ug/l 100
24) 1,1-Dichloroethane	5.745	63	122172	19.00	ug/l 99
25) 2-Butanone	6.748	43	290388	95.71	ug/l 98
26) 2,2-Dichloropropane	6.724	77	106175	19.98	ug/l 99
27) cis-1,2-Dichloroethene	6.734	96	62726	18.53	ug/l 99
28) Bromochloromethane	7.107	49	64723	19.05	ug/l 96
29) Tetrahydrofuran	7.131	42	188276	90.11	ug/l 99
30) Chloroform	7.287	83	117286	19.98	ug/l 96
31) Cyclohexane	7.568	56	103940	17.06	ug/l 98
32) 1,1,1-Trichloroethane	7.488	97	99975	19.82	ug/l 99
36) 1,1-Dichloropropene	7.711	75	82735	17.16	ug/l 99
37) Ethyl Acetate	6.847	43	109835	15.94	ug/l 97
38) Carbon Tetrachloride	7.689	117	81910	18.95	ug/l 98
39) Methylcyclohexane	9.011	83	83937	16.21	ug/l 97
40) Benzene	7.963	78	268757	18.57	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.086	41	56801	16.71	ug/l #	86
42) 1,2-Dichloroethane	8.048	62	101637	19.35	ug/l	98
43) Isopropyl Acetate	8.094	43	181773	17.06	ug/l	98
44) Trichloroethene	8.767	130	69297	19.69	ug/l	89
45) 1,2-Dichloropropane	9.049	63	73260	17.49	ug/l	99
46) Dibromomethane	9.140	93	44245	18.96	ug/l	91
47) Bromodichloromethane	9.336	83	89077	17.50	ug/l #	98
48) Methyl methacrylate	9.135	41	73534	14.56	ug/l	89
49) 1,4-Dioxane	9.140	88	19927	363.54	ug/l #	89
51) 4-Methyl-2-Pentanone	9.923	43	499810	77.61	ug/l	93
52) Toluene	10.092	92	164312	19.59	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	99515	17.29	ug/l	95
54) cis-1,3-Dichloropropene	9.776	75	109308	17.48	ug/l	90
55) 1,1,2-Trichloroethane	10.502	97	67345	19.60	ug/l	97
56) Ethyl methacrylate	10.371	69	92569	16.60	ug/l #	84
57) 1,3-Dichloropropane	10.645	76	111566	17.99	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	48603	104.57	ug/l #	90
59) 2-Hexanone	10.693	43	355592	71.58	ug/l	93
60) Dibromochloromethane	10.840	129	70606	19.61	ug/l	98
61) 1,2-Dibromoethane	10.945	107	67011	19.58	ug/l	100
64) Tetrachloroethene	10.570	164	78411	20.71	ug/l	98
65) Chlorobenzene	11.374	112	177409	19.37	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	66913	19.50	ug/l	99
67) Ethyl Benzene	11.452	91	288497	17.76	ug/l	97
68) m/p-Xylenes	11.565	106	229936	38.15	ug/l	90
69) o-Xylene	11.892	106	108251	18.70	ug/l	88
70) Styrene	11.908	104	180780	18.23	ug/l	96
71) Bromoform	12.069	173	53404	19.63	ug/l #	99
73) Isopropylbenzene	12.192	105	271703	17.99	ug/l	95
74) N-amyl acetate	12.015	43	99250	13.49	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.447	83	97363	18.45	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	90548m	16.27	ug/l	
77) Bromobenzene	12.468	156	80047	20.21	ug/l	84
78) n-propylbenzene	12.535	91	311236	17.92	ug/l	94
79) 2-Chlorotoluene	12.616	91	193512	18.24	ug/l	96
80) 1,3,5-Trimethylbenzene	12.678	105	227124	18.13	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.246	75	29270	15.74	ug/l	92
82) 4-Chlorotoluene	12.715	91	198204	17.49	ug/l	95
83) tert-Butylbenzene	12.938	119	192409	17.61	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	222516	18.17	ug/l	95
85) sec-Butylbenzene	13.115	105	252701	18.04	ug/l	97
86) p-Isopropyltoluene	13.233	119	223220	18.16	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	130231	19.40	ug/l	97
88) 1,4-Dichlorobenzene	13.308	146	126499	17.99	ug/l	99
89) n-Butylbenzene	13.560	91	180643	16.24	ug/l	97
90) Hexachloroethane	13.815	117	38271	17.79	ug/l	93
91) 1,2-Dichlorobenzene	13.595	146	125958	19.05	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	16193	14.36	ug/l	79
93) 1,2,4-Trichlorobenzene	14.850	180	77662	17.97	ug/l	99
94) Hexachlorobutadiene	14.949	225	37714	17.96	ug/l	96
95) Naphthalene	15.067	128	215564	17.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	75545	17.56	ug/l	96

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

