

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042621\
 Data File : VN066762.D
 Acq On : 26 Apr 2021 15:33
 Operator : JC/MD
 Sample : VN0426WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0426WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/27/2021 5:52:44 PM

Quant Time: Apr 27 06:12:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	351953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	551886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	504611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	234016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	201740	46.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.84%		
35) Dibromofluoromethane	7.513	113	173264	50.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.26%		
50) Toluene-d8	10.029	98	686489	50.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.86%		
62) 4-Bromofluorobenzene	12.346	95	234257	50.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.50%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	69888	17.61	ug/l	99
3) Chloromethane	2.037	50	93969	16.58	ug/l	99
4) Vinyl Chloride	2.163	62	92920	18.44	ug/l	100
5) Bromomethane	2.517	94	58461	20.53	ug/l	98
6) Chloroethane	2.659	64	54641	18.47	ug/l	97
7) Trichlorofluoromethane	2.973	101	104409	19.28	ug/l	99
8) Diethyl Ether	3.359	74	43344	18.81	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.700	101	63759	18.75	ug/l	98
10) Methyl Iodide	3.887	142	94219	17.64	ug/l	97
11) Tert butyl alcohol	4.703	59	47942	88.00	ug/l	99
12) 1,1-Dichloroethene	3.675	96	63976	18.65	ug/l	98
13) Acrolein	3.549	56	47662	79.17	ug/l	99
14) Allyl chloride	4.249	41	113875	17.32	ug/l	93
15) Acrylonitrile	4.896	53	156196	84.11	ug/l	100
16) Acetone	3.753	43	124299	77.23	ug/l	100
17) Carbon Disulfide	3.987	76	187881	17.05	ug/l	99
18) Methyl Acetate	4.252	43	73673	16.51	ug/l	100
19) Methyl tert-butyl Ether	4.955	73	207778	18.54	ug/l	99
20) Methylene Chloride	4.475	84	78450	16.39	ug/l	98
21) trans-1,2-Dichloroethene	4.955	96	69286	18.39	ug/l	94
22) Diisopropyl ether	5.867	45	237087	17.79	ug/l	97
23) Vinyl Acetate	5.808	43	917998	85.41	ug/l	99
24) 1,1-Dichloroethane	5.759	63	132190	17.86	ug/l	98
25) 2-Butanone	6.749	43	190668	82.58	ug/l	95
26) 2,2-Dichloropropane	6.738	77	109120	17.95	ug/l	99
27) cis-1,2-Dichloroethene	6.741	96	79060	18.09	ug/l	96
28) Bromochloromethane	7.111	49	58627	16.84	ug/l	95
29) Tetrahydrofuran	7.130	42	131715	82.80	ug/l	97
30) Chloroform	7.293	83	127651	18.40	ug/l	100
31) Cyclohexane	7.580	56	122131	17.43	ug/l	96
32) 1,1,1-Trichloroethane	7.495	97	107090	18.47	ug/l	100
36) 1,1-Dichloropropene	7.717	75	94388	18.39	ug/l	99
37) Ethyl Acetate	6.846	43	88686	16.45	ug/l	99
38) Carbon Tetrachloride	7.698	117	92194	18.88	ug/l	99
39) Methylcyclohexane	9.015	83	118071	19.41	ug/l	97
40) Benzene	7.969	78	307533	18.62	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	32098	13.40	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	95822	18.17	ug/l	99
43) Isopropyl Acetate	8.095	43	145950	16.96	ug/l	99
44) Trichloroethene	8.771	130	76252	19.41	ug/l	97
45) 1,2-Dichloropropane	9.050	63	82714	18.42	ug/l	99
46) Dibromomethane	9.144	93	49574	18.91	ug/l	98
47) Bromodichloromethane	9.340	83	101098	18.35	ug/l	97
48) Methyl methacrylate	9.139	41	62890	16.66	ug/l	96
49) 1,4-Dioxane	9.139	88	19416	425.54	ug/l	94
51) 4-Methyl-2-Pentanone	9.922	43	407667	84.67	ug/l	100
52) Toluene	10.093	92	190599	19.65	ug/l	97
53) t-1,3-Dichloropropene	10.324	75	109938	18.90	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	124003	18.71	ug/l	98
55) 1,1,2-Trichloroethane	10.501	97	72656	18.92	ug/l	98
56) Ethyl methacrylate	10.372	69	96469	17.99	ug/l	97
57) 1,3-Dichloropropane	10.646	76	120081	18.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	89239	101.14	ug/l	97
59) 2-Hexanone	10.694	43	236306	77.68	ug/l	99
60) Dibromochloromethane	10.842	129	78486	19.23	ug/l	99
61) 1,2-Dibromoethane	10.946	107	69910	18.53	ug/l	97
64) Tetrachloroethene	10.571	164	69569	19.53	ug/l	98
65) Chlorobenzene	11.375	112	197448	19.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.451	131	74370	19.97	ug/l	99
67) Ethyl Benzene	11.453	91	348518	19.76	ug/l	99
68) m/p-Xylenes	11.566	106	265088	40.32	ug/l	99
69) o-Xylene	11.890	106	129416	19.99	ug/l	100
70) Styrene	11.909	104	202067	18.58	ug/l	99
71) Bromoform	12.073	173	52623	18.63	ug/l #	99
73) Isopropylbenzene	12.193	105	338444	20.35	ug/l	99
74) N-amyl acetate	12.038	43	18919	4.78	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.448	83	101825	18.14	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	73843m	14.75	ug/l	
77) Bromobenzene	12.470	156	85301	19.82	ug/l	97
78) n-propylbenzene	12.534	91	376645	20.32	ug/l	99
79) 2-Chlorotoluene	12.617	91	230269	19.12	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	285423	20.19	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.250	75	21146	17.00	ug/l	95
82) 4-Chlorotoluene	12.719	91	225504	19.78	ug/l	99
83) tert-Butylbenzene	12.936	119	248304	19.72	ug/l	96
84) 1,2,4-Trimethylbenzene	12.985	105	272702	20.17	ug/l	98
85) sec-Butylbenzene	13.116	105	322329	20.37	ug/l	99
86) p-Isopropyltoluene	13.234	119	280812	21.33	ug/l	98
87) 1,3-Dichlorobenzene	13.229	146	136443	18.83	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	139547	17.92	ug/l	97
89) n-Butylbenzene	13.561	91	230883	19.69	ug/l	99
90) Hexachloroethane	13.816	117	53695	18.24	ug/l	92
91) 1,2-Dichlorobenzene	13.599	146	140029	18.93	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.224	75	15200	15.19	ug/l	98
93) 1,2,4-Trichlorobenzene	14.854	180	83672	20.16	ug/l	99
94) Hexachlorobutadiene	14.950	225	45659	19.99	ug/l	99
95) Naphthalene	15.074	128	189923	18.81	ug/l	98
96) 1,2,3-Trichlorobenzene	15.251	180	80097	20.14	ug/l	98

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

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