

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021821\
 Data File : VN065932.D
 Acq On : 18 Feb 2021 11:16
 Operator : JC/MD
 Sample : VN0218WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBS01

Manual Integrations
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 2/19/2021 12:29:19 PM

Quant Time: Feb 19 00:13:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.627	168	161976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	277902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	257721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	110035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	115685	51.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.14%			
35) Dibromofluoromethane	7.550	113	88846	51.66	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.32%			
50) Toluene-d8	10.058	98	362674	51.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.74%			
62) 4-Bromofluorobenzene	12.373	95	129945	49.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.06%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	38852	18.32	ug/l	98
3) Chloromethane	2.049	50	48283	18.17	ug/l	98
4) Vinyl Chloride	2.177	62	48155	18.40	ug/l	100
5) Bromomethane	2.531	94	31949	19.92	ug/l	97
6) Chloroethane	2.679	64	27802	18.83	ug/l	99
7) Trichlorofluoromethane	2.997	101	63622	19.52	ug/l	98
8) Diethyl Ether	3.383	74	22816	19.08	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.721	101	32877	19.07	ug/l	98
10) Methyl Iodide	3.910	142	49800	18.50	ug/l	98
11) Tert butyl alcohol	4.775	59	30110	95.60	ug/l	98
12) 1,1-Dichloroethene	3.695	96	34098	18.74	ug/l	95
13) Acrolein	3.576	56	27034	93.79	ug/l	95
14) Allyl chloride	4.277	41	57040	18.37	ug/l	93
15) Acrylonitrile	4.946	53	83738	95.88	ug/l	99
16) Acetone	3.788	43	69056	96.06	ug/l	99
17) Carbon Disulfide	4.010	76	93271	18.00	ug/l	100
18) Methyl Acetate	4.293	43	35865	19.16	ug/l	96
19) Methyl tert-butyl Ether	5.007	73	108413	18.52	ug/l	99
20) Methylene Chloride	4.505	84	39685	18.89	ug/l	96
21) trans-1,2-Dichloroethene	4.987	96	35594	18.62	ug/l	92
22) Diisopropyl ether	5.913	45	116551	18.76	ug/l	98
23) Vinyl Acetate	5.852	43	461354	94.68	ug/l	99
24) 1,1-Dichloroethane	5.804	63	67631	18.84	ug/l	98
25) 2-Butanone	6.798	43	106180	94.70	ug/l	94
26) 2,2-Dichloropropane	6.782	77	53233	18.91	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	40754	18.71	ug/l	94
28) Bromochloromethane	7.151	49	34225	20.69	ug/l	90
29) Tetrahydrofuran	7.177	42	71400	92.50	ug/l	100
30) Chloroform	7.331	83	68151	19.22	ug/l	97
31) Cyclohexane	7.611	56	61954	18.34	ug/l	95
32) 1,1,1-Trichloroethane	7.528	97	55553	18.68	ug/l	97
36) 1,1-Dichloropropene	7.753	75	52615	19.20	ug/l	96
37) Ethyl Acetate	6.894	43	46151	18.65	ug/l	99
38) Carbon Tetrachloride	7.730	117	48354	18.99	ug/l	99
39) Methylcyclohexane	9.045	83	56641	18.39	ug/l	98
40) Benzene	8.003	78	158165	18.81	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.132	41	20791	17.36	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	54131	19.59	ug/l	98
43) Isopropyl Acetate	8.132	43	74906	18.99	ug/l #	91
44) Trichloroethene	8.801	130	39831	19.16	ug/l	93
45) 1,2-Dichloropropane	9.084	63	41802	19.42	ug/l	96
46) Dibromomethane	9.177	93	25577	19.50	ug/l	93
47) Bromodichloromethane	9.370	83	51546	19.31	ug/l	99
48) Methyl methacrylate	9.167	41	37753	18.89	ug/l	94
49) 1,4-Dioxane	9.171	88	13569	398.55	ug/l	91
51) 4-Methyl-2-Pentanone	9.952	43	229992	95.85	ug/l	100
52) Toluene	10.122	92	97913	18.96	ug/l	98
53) t-1,3-Dichloropropene	10.351	75	56283	18.35	ug/l	97
54) cis-1,3-Dichloropropene	9.807	75	62703	18.94	ug/l	98
55) 1,1,2-Trichloroethane	10.531	97	37060	19.18	ug/l	95
56) Ethyl methacrylate	10.399	69	55613	19.14	ug/l	97
57) 1,3-Dichloropropane	10.675	76	64445	18.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.663	63	131185	94.57	ug/l	97
59) 2-Hexanone	10.724	43	160894	94.13	ug/l	100
60) Dibromochloromethane	10.871	129	37333	18.90	ug/l	99
61) 1,2-Dibromoethane	10.974	107	38290	19.51	ug/l	98
64) Tetrachloroethene	10.601	164	38384	19.29	ug/l	94
65) Chlorobenzene	11.402	112	102328	18.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	37143	20.06	ug/l	97
67) Ethyl Benzene	11.479	91	182355	18.69	ug/l	98
68) m/p-Xylenes	11.592	106	138304	38.00	ug/l	97
69) o-Xylene	11.916	106	66332	18.90	ug/l	97
70) Styrene	11.936	104	110090	19.05	ug/l	97
71) Bromoform	12.097	173	23482	18.31	ug/l #	100
73) Isopropylbenzene	12.219	105	175056	19.49	ug/l	99
74) N-amyl acetate	12.042	43	61727	19.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.473	83	51165	19.31	ug/l	100
76) 1,2,3-Trichloropropane	12.521	75	49112m	18.58	ug/l	
77) Bromobenzene	12.495	156	41183	20.04	ug/l	86
78) n-propylbenzene	12.560	91	194218	19.02	ug/l	99
79) 2-Chlorotoluene	12.643	91	123319	19.27	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	147872	19.38	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	15718	18.95	ug/l	97
82) 4-Chlorotoluene	12.743	91	123355	19.08	ug/l	97
83) tert-Butylbenzene	12.965	119	120779	19.16	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	148667	19.41	ug/l	100
85) sec-Butylbenzene	13.141	105	155753	19.03	ug/l	99
86) p-Isopropyltoluene	13.257	119	141613	19.06	ug/l	99
87) 1,3-Dichlorobenzene	13.254	146	69951	19.23	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	68040	18.31	ug/l	94
89) n-Butylbenzene	13.585	91	114349	18.25	ug/l	98
90) Hexachloroethane	13.842	117	23435	18.63	ug/l	95
91) 1,2-Dichlorobenzene	13.624	146	69876	19.16	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.238	75	9645	19.00	ug/l	82
93) 1,2,4-Trichlorobenzene	14.878	180	30960	17.42	ug/l	99
94) Hexachlorobutadiene	14.977	225	15782	18.64	ug/l	98
95) Naphthalene	15.100	128	93679	16.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	31702	17.60	ug/l	100

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

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