

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011521\
 Data File : VN065517.D
 Acq On : 15 Jan 2021 12:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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SAM

1/19/2021 4:37:29 PM

Quant Time: Jan 18 07:40:42 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	239524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	336816	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	319879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	172843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	110948	41.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 82.06%			
35) Dibromofluoromethane	7.553	113	103326	50.85	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.70%			
50) Toluene-d8	10.058	98	382062	50.17	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.34%			
62) 4-Bromofluorobenzene	12.376	95	144148	48.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.846	85	95222	42.97	ug/l	100
3) Chloromethane	2.052	50	117623	46.63	ug/l	100
4) Vinyl Chloride	2.181	62	134960	51.43	ug/l	98
5) Bromomethane	2.528	94	97328	52.18	ug/l	99
6) Chloroethane	2.679	64	90250	53.21	ug/l	99
7) Trichlorofluoromethane	2.997	101	186665	47.54	ug/l	99
8) Diethyl Ether	3.386	74	80041	51.78	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.721	101	114846	52.16	ug/l	95
10) Methyl Iodide	3.910	142	170001	51.10	ug/l	91
11) Tert butyl alcohol	4.775	59	91838	207.57	ug/l	99
12) 1,1-Dichloroethene	3.698	96	111586	47.43	ug/l	96
13) Acrolein	3.576	56	72344	241.84	ug/l	98
14) Allyl chloride	4.277	41	163254	42.10	ug/l	97
15) Acrylonitrile	4.943	53	273902	256.18	ug/l	99
16) Acetone	3.792	43	217282	188.86	ug/l	90
17) Carbon Disulfide	4.007	76	241459	40.11	ug/l	99
18) Methyl Acetate	4.293	43	123356	50.81	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	356521	47.71	ug/l	100
20) Methylene Chloride	4.505	84	125436	47.55	ug/l	97
21) trans-1,2-Dichloroethene	4.988	96	113472	49.13	ug/l	97
22) Diisopropyl ether	5.914	45	355156	46.01	ug/l	97
23) Vinyl Acetate	5.853	43	1414354	217.39	ug/l	98
24) 1,1-Dichloroethane	5.801	63	209303	49.43	ug/l	100
25) 2-Butanone	6.798	43	329274	216.91	ug/l	95
26) 2,2-Dichloropropane	6.779	77	172972	42.76	ug/l	98
27) cis-1,2-Dichloroethene	6.782	96	137190	51.04	ug/l	96
28) Bromochloromethane	7.152	49	76184	39.69	ug/l	88
29) Tetrahydrofuran	7.177	42	218194	222.27	ug/l	95
30) Chloroform	7.332	83	218282	50.08	ug/l	98
31) Cyclohexane	7.611	56	167322	41.91	ug/l	99
32) 1,1,1-Trichloroethane	7.531	97	180434	45.69	ug/l	99
36) 1,1-Dichloropropene	7.753	75	156627	51.14	ug/l	98
37) Ethyl Acetate	6.894	43	140015	46.13	ug/l	99
38) Carbon Tetrachloride	7.733	117	157041	48.82	ug/l	98
39) Methylcyclohexane	9.045	83	183131	49.77	ug/l	98
40) Benzene	8.004	78	491196	53.91	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	72159	45.68	ug/l	89
42) 1,2-Dichloroethane	8.087	62	164069	48.73	ug/l	99
43) Isopropyl Acetate	8.132	43	232345	44.41	ug/l	96
44) Trichloroethene	8.801	130	145636	55.38	ug/l	93
45) 1,2-Dichloropropane	9.084	63	131999	55.73	ug/l	99
46) Dibromomethane	9.177	93	87276	54.26	ug/l #	88
47) Bromodichloromethane	9.370	83	171939	50.70	ug/l	99
48) Methyl methacrylate	9.168	41	118005	46.46	ug/l	95
49) 1,4-Dioxane	9.171	88	45173	1097.47	ug/l	98
51) 4-Methyl-2-Pentanone	9.955	43	711786	241.98	ug/l	96
52) Toluene	10.122	92	317906	55.36	ug/l	99
53) t-1,3-Dichloropropene	10.351	75	197599	51.70	ug/l	99
54) cis-1,3-Dichloropropene	9.807	75	211873	52.17	ug/l	96
55) 1,1,2-Trichloroethane	10.531	97	133840	58.90	ug/l	96
56) Ethyl methacrylate	10.399	69	186920	53.12	ug/l	95
57) 1,3-Dichloropropane	10.676	76	216283	57.69	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.663	63	429650	280.69	ug/l	97
59) 2-Hexanone	10.724	43	521692	241.25	ug/l	96
60) Dibromochloromethane	10.872	129	151035	55.77	ug/l	99
61) 1,2-Dibromoethane	10.978	107	138852	56.93	ug/l	99
64) Tetrachloroethene	10.602	164	162638	52.36	ug/l	94
65) Chlorobenzene	11.405	112	367771	56.48	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.479	131	141423	55.82	ug/l	99
67) Ethyl Benzene	11.483	91	614209	52.35	ug/l	99
68) m/p-Xylenes	11.592	106	483442	109.38	ug/l	97
69) o-Xylene	11.920	106	235432	54.87	ug/l	97
70) Styrene	11.936	104	408110	57.00	ug/l	98
71) Bromoform	12.100	173	119078	54.59	ug/l #	100
73) Isopropylbenzene	12.222	105	619914	47.09	ug/l	98
74) N-amyl acetate	12.042	43	214013	40.83	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.479	83	183636	51.73	ug/l	98
76) 1,2,3-Trichloropropane	12.528	75	177751m	50.41	ug/l	
77) Bromobenzene	12.499	156	181354	52.72	ug/l	86
78) n-propylbenzene	12.563	91	707081	47.58	ug/l	96
79) 2-Chlorotoluene	12.646	91	419480	47.93	ug/l	94
80) 1,3,5-Trimethylbenzene	12.708	105	539768	48.08	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.274	75	62841	44.94	ug/l	97
82) 4-Chlorotoluene	12.746	91	445367	49.42	ug/l	95
83) tert-Butylbenzene	12.968	119	466067	48.73	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	544852	49.85	ug/l	97
85) sec-Butylbenzene	13.145	105	606765	47.82	ug/l	97
86) p-Isopropyltoluene	13.261	119	583610	50.17	ug/l	97
87) 1,3-Dichlorobenzene	13.257	146	318466	55.35	ug/l	97
88) 1,4-Dichlorobenzene	13.338	146	319349	55.29	ug/l	97
89) n-Butylbenzene	13.589	91	485658	48.84	ug/l	98
90) Hexachloroethane	13.849	117	95697	47.85	ug/l	78
91) 1,2-Dichlorobenzene	13.627	146	312848	56.62	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.241	75	35296	48.27	ug/l	82
93) 1,2,4-Trichlorobenzene	14.881	180	194174	56.36	ug/l	98
94) Hexachlorobutadiene	14.981	225	108466	49.73	ug/l	100
95) Naphthalene	15.103	128	497833	55.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.283	180	187311	58.44	ug/l	98

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

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