

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068965.D
 Acq On : 15 Oct 2021 21:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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SAM
 10/18/2021 6:16:32 PM

Quant Time: Oct 18 02:18:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	276539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	496464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	470731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	213005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	196560	53.910	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.820%			
35) Dibromofluoromethane	8.024	113	151234	52.358	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.720%			
50) Toluene-d8	10.443	98	630537	54.558	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.120%			
62) 4-Bromofluorobenzene	12.733	95	247281	56.710	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	156482	45.555	ug/l	100
3) Chloromethane	2.301	50	177224	52.432	ug/l	100
4) Vinyl Chloride	2.443	62	208105	60.616	ug/l	100
5) Bromomethane	2.834	94	123820	65.568	ug/l	100
6) Chloroethane	3.006	64	127368	62.951	ug/l	98
7) Trichlorofluoromethane	3.371	101	256473	53.350	ug/l	99
8) Diethyl Ether	3.827	74	93695	52.251	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.213	101	139591	54.001	ug/l	98
10) Methyl Iodide	4.425	142	180485	48.106	ug/l	100
11) Tert butyl alcohol	5.366	59	160856	241.441	ug/l	100
12) 1,1-Dichloroethene	4.183	96	135498	50.709	ug/l	98
13) Acrolein	4.041	56	62643	212.549	ug/l	99
14) Allyl chloride	4.843	41	239976	50.098	ug/l	98
15) Acrylonitrile	5.554	53	396296	265.464	ug/l	99
16) Acetone	4.285	43	313117	230.124	ug/l	99
17) Carbon Disulfide	4.532	76	360983	49.778	ug/l	100
18) Methyl Acetate	4.857	43	277859	53.839	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	534347	53.705	ug/l	99
20) Methylene Chloride	5.098	84	163248	52.127	ug/l	98
21) trans-1,2-Dichloroethene	5.602	96	147576	51.121	ug/l	98
22) Diisopropyl ether	6.498	45	549049	55.118	ug/l	98
23) Vinyl Acetate	6.436	43	2034653	270.182	ug/l	98
24) 1,1-Dichloroethane	6.388	63	291817	53.918	ug/l	100
25) 2-Butanone	7.335	43	542135	263.489	ug/l	98
26) 2,2-Dichloropropane	7.327	77	220075	42.668	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	182195	52.210	ug/l	97
28) Bromochloromethane	7.659	49	135715	55.364	ug/l	100
29) Tetrahydrofuran	7.683	42	370680	277.747	ug/l	99
30) Chloroform	7.820	83	315784	55.363	ug/l	100
31) Cyclohexane	8.096	56	276131	48.709	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	287801	54.126	ug/l	100
36) 1,1-Dichloropropene	8.222	75	230117	54.265	ug/l	99
37) Ethyl Acetate	7.412	43	233828	53.390	ug/l	100
38) Carbon Tetrachloride	8.209	117	246156	52.854	ug/l	99
39) Methylcyclohexane	9.461	83	282473	51.754	ug/l	99
40) Benzene	8.464	78	695617	53.870	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	113848	51.568	ug/l	94
42) 1,2-Dichloroethane	8.531	62	251265	54.950	ug/l	100
43) Isopropyl Acetate	8.560	43	429046	55.522	ug/l	99
44) Trichloroethene	9.217	130	169809	52.544	ug/l	99
45) 1,2-Dichloropropane	9.491	63	182241	54.389	ug/l	97
46) Dibromomethane	9.577	93	124279	54.336	ug/l	98
47) Bromodichloromethane	9.765	83	257378	54.303	ug/l	100
48) Methyl methacrylate	9.561	41	192315	52.967	ug/l	96
49) 1,4-Dioxane	9.569	88	68151	964.363	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	1241174	277.005	ug/l	100
52) Toluene	10.507	92	464471	55.908	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	282653	52.646	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	293789	52.594	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	180844	55.212	ug/l	99
56) Ethyl methacrylate	10.762	69	304310	55.334	ug/l	98
57) 1,3-Dichloropropane	11.047	76	305703	56.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	405132	250.396	ug/l	100
59) 2-Hexanone	11.087	43	908975	282.883	ug/l	100
60) Dibromochloromethane	11.240	129	198120	53.587	ug/l	99
61) 1,2-Dibromoethane	11.347	107	188683	56.161	ug/l	100
64) Tetrachloroethene	10.979	164	149114	49.174	ug/l	97
65) Chlorobenzene	11.773	112	489373	54.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	186665	53.540	ug/l	99
67) Ethyl Benzene	11.846	91	927363	56.047	ug/l	100
68) m/p-Xylenes	11.956	106	700516	111.682	ug/l	100
69) o-Xylene	12.283	106	349605	55.684	ug/l	99
70) Styrene	12.296	104	583522	57.095	ug/l	100
71) Bromoform	12.460	173	145781	52.197	ug/l #	100
73) Isopropylbenzene	12.581	105	928825	52.389	ug/l	99
74) N-amyl acetate	12.390	43	366522	54.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	282816	55.198	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	233182m	51.451	ug/l	
77) Bromobenzene	12.862	156	203319	51.861	ug/l	97
78) n-propylbenzene	12.924	91	1061475	53.275	ug/l	99
79) 2-Chlorotoluene	13.010	91	654274	53.277	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	776500	52.582	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	89500	47.246	ug/l	98
82) 4-Chlorotoluene	13.106	91	646298	54.461	ug/l	98
83) tert-Butylbenzene	13.326	119	664126	51.662	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	761149	53.494	ug/l	100
85) sec-Butylbenzene	13.503	105	946904	53.186	ug/l	100
86) p-Isopropyltoluene	13.616	119	759793	53.206	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	362389	53.439	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	352772	52.414	ug/l	99
89) n-Butylbenzene	13.943	91	627286	52.766	ug/l	100
90) Hexachloroethane	14.211	117	155256	51.757	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	350326	53.181	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	50879	51.504	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	152474	43.005	ug/l	100
94) Hexachlorobutadiene	15.373	225	80214	42.764	ug/l	100
95) Naphthalene	15.507	128	434619	44.427	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	149338	44.180	ug/l	99

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

