

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068941.D
 Acq On : 15 Oct 2021 11:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

SAM
 10/18/2021 6:16:16 PM

Quant Time: Oct 18 02:13:47 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	8.086	168	294466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	521880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	492538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	213828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	213163	54.904	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.800%			
35) Dibromofluoromethane	8.021	113	162743	53.598	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.200%			
50) Toluene-d8	10.443	98	656213	54.014	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.020%			
62) 4-Bromofluorobenzene	12.734	95	252641	55.118	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	172366	47.082	ug/l	99
3) Chloromethane	2.303	50	187328	52.047	ug/l	99
4) Vinyl Chloride	2.445	62	207708	56.817	ug/l	100
5) Bromomethane	2.842	94	129097	64.201	ug/l	100
6) Chloroethane	3.011	64	132434	61.470	ug/l	100
7) Trichlorofluoromethane	3.376	101	272366	53.207	ug/l	99
8) Diethyl Ether	3.827	74	101101	52.948	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	150434	54.653	ug/l	99
10) Methyl Iodide	4.427	142	199728	49.994	ug/l	99
11) Tert butyl alcohol	5.361	59	167858	236.612	ug/l	100
12) 1,1-Dichloroethene	4.186	96	144288	50.711	ug/l	99
13) Acrolein	4.044	56	63299	201.699	ug/l	97
14) Allyl chloride	4.843	41	268487	52.638	ug/l	97
15) Acrylonitrile	5.551	53	421521	265.171	ug/l	99
16) Acetone	4.283	43	420246	290.055	ug/l	100
17) Carbon Disulfide	4.535	76	393430	50.950	ug/l	100
18) Methyl Acetate	4.851	43	296095	53.880	ug/l	99
19) Methyl tert-butyl Ether	5.613	73	592269	55.903	ug/l	100
20) Methylene Chloride	5.101	84	177115	53.112	ug/l	98
21) trans-1,2-Dichloroethene	5.599	96	160236	52.127	ug/l	99
22) Diisopropyl ether	6.493	45	605595	57.093	ug/l	99
23) Vinyl Acetate	6.434	43	2266455	282.641	ug/l	100
24) 1,1-Dichloroethane	6.388	63	313708	54.434	ug/l	99
25) 2-Butanone	7.332	43	611392	279.059	ug/l	99
26) 2,2-Dichloropropane	7.327	77	295809	53.859	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	198751	53.487	ug/l	99
28) Bromochloromethane	7.659	49	145212	55.632	ug/l	100
29) Tetrahydrofuran	7.681	42	385915	271.558	ug/l	99
30) Chloroform	7.817	83	337899	55.634	ug/l	99
31) Cyclohexane	8.096	56	288859	47.852	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	305643	53.982	ug/l	99
36) 1,1-Dichloropropene	8.222	75	241853	54.255	ug/l	99
37) Ethyl Acetate	7.410	43	242094	52.585	ug/l	99
38) Carbon Tetrachloride	8.206	117	258729	52.848	ug/l	99
39) Methylcyclohexane	9.461	83	289158	50.398	ug/l	98
40) Benzene	8.461	78	738680	54.419	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	121409	52.315	ug/l	94
42) 1,2-Dichloroethane	8.528	62	273533	56.906	ug/l	99
43) Isopropyl Acetate	8.558	43	444914	54.772	ug/l	100
44) Trichloroethene	9.217	130	181989	53.570	ug/l	99
45) 1,2-Dichloropropane	9.491	63	195278	55.441	ug/l	99
46) Dibromomethane	9.577	93	134418	55.907	ug/l	97
47) Bromodichloromethane	9.762	83	277544	55.705	ug/l	98
48) Methyl methacrylate	9.558	41	206955	54.223	ug/l	97
49) 1,4-Dioxane	9.569	88	68772	927.184	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	1286532	273.144	ug/l	100
52) Toluene	10.505	92	494974	56.678	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	323140	57.256	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	331021	56.373	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	193379	56.163	ug/l	100
56) Ethyl methacrylate	10.760	69	325196	56.252	ug/l	98
57) 1,3-Dichloropropane	11.047	76	326636	57.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	416841	245.484	ug/l	100
59) 2-Hexanone	11.084	43	947145	280.407	ug/l	100
60) Dibromochloromethane	11.240	129	215266	55.389	ug/l	100
61) 1,2-Dibromoethane	11.347	107	202569	57.358	ug/l	100
64) Tetrachloroethene	10.980	164	160988	50.739	ug/l	95
65) Chlorobenzene	11.771	112	516869	55.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	198091	54.302	ug/l	99
67) Ethyl Benzene	11.846	91	961269	55.524	ug/l	99
68) m/p-Xylenes	11.956	106	727336	110.824	ug/l	99
69) o-Xylene	12.280	106	361247	54.990	ug/l	99
70) Styrene	12.296	104	606337	56.701	ug/l	99
71) Bromoform	12.460	173	152625	52.228	ug/l #	98
73) Isopropylbenzene	12.581	105	938054	52.706	ug/l	100
74) N-amyl acetate	12.388	43	376900	55.895	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.827	83	281014	54.635	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	212924m	46.800	ug/l	
77) Bromobenzene	12.862	156	207662	52.765	ug/l	96
78) n-propylbenzene	12.921	91	1071186	53.556	ug/l	100
79) 2-Chlorotoluene	13.010	91	666874	54.094	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	771715	52.056	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	98915	52.015	ug/l	99
82) 4-Chlorotoluene	13.106	91	666373	55.937	ug/l	99
83) tert-Butylbenzene	13.326	119	646803	50.121	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	765107	53.566	ug/l	100
85) sec-Butylbenzene	13.503	105	898749	50.287	ug/l	100
86) p-Isopropyltoluene	13.616	119	736188	51.355	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	375559	55.168	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	370788	54.879	ug/l	99
89) n-Butylbenzene	13.943	91	616564	51.664	ug/l	100
90) Hexachloroethane	14.211	117	145565	48.339	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	367747	55.611	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	53402	53.850	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	163791	45.836	ug/l	99
94) Hexachlorobutadiene	15.373	225	79815	42.387	ug/l	100
95) Naphthalene	15.507	128	470990	47.656	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	155970	45.863	ug/l	99

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

