

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100121\
 Data File : VN068776.D
 Acq On : 1 Oct 2021 11:47
 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

Quant Time: Oct 02 03:57:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092921W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 29 23:31:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	405300	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	686132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	656087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	295275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	299900	53.106	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.220%	
35) Dibromofluoromethane	8.021	113	238927	56.045	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 112.100%	
50) Toluene-d8	10.443	98	844385	54.203	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.731	95	316950	58.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 117.100%	

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	203760	45.903	ug/l	99
3) Chloromethane	2.303	50	189272	47.289	ug/l	97
4) Vinyl Chloride	2.443	62	395768	43.520	ug/l	96
5) Bromomethane	2.837	94	322859	49.704	ug/l	98
6) Chloroethane	3.009	64	330617	51.644	ug/l	99
7) Trichlorofluoromethane	3.368	101	358124	52.863	ug/l	97
8) Diethyl Ether	3.827	74	123544	49.969	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	212558	47.823	ug/l	94
10) Methyl Iodide	4.425	142	207793	51.097	ug/l	94
11) Tert butyl alcohol	5.364	59	189866	250.752	ug/l	99
12) 1,1-Dichloroethene	4.183	96	172695	45.348	ug/l	84
13) Acrolein	4.044	56	44977	395.642	ug/l	98
14) Allyl chloride	4.841	41	287103	48.351	ug/l #	87
15) Acrylonitrile	5.554	53	535091	251.231	ug/l	99
16) Acetone	4.285	43	523236	279.722	ug/l	96
17) Carbon Disulfide	4.529	76	343482	46.513	ug/l	98
18) Methyl Acetate	4.857	43	343208	50.406	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	767676	50.782	ug/l	98
20) Methylene Chloride	5.095	84	217126	44.284	ug/l	90
21) trans-1,2-Dichloroethene	5.597	96	200217	46.782	ug/l	86
22) Diisopropyl ether	6.495	45	734205	52.281	ug/l #	95
23) Vinyl Acetate	6.434	43	2889859	260.395	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	412371	48.504	ug/l	97
25) 2-Butanone	7.335	43	800088	252.407	ug/l	91
26) 2,2-Dichloropropane	7.329	77	396011	49.280	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	266627	48.433	ug/l	85
28) Bromochloromethane	7.659	49	193475	50.117	ug/l #	75
29) Tetrahydrofuran	7.683	42	505734	258.343	ug/l	90
30) Chloroform	7.817	83	500557	50.024	ug/l	100
31) Cyclohexane	8.096	56	319319	49.007	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	440682	49.440	ug/l	97
36) 1,1-Dichloropropene	8.222	75	313487	48.579	ug/l	95
37) Ethyl Acetate	7.413	43	317000	51.770	ug/l	98
38) Carbon Tetrachloride	8.209	117	379548	49.513	ug/l	99
39) Methylcyclohexane	9.462	83	356139	47.616	ug/l	89
40) Benzene	8.461	78	964202	49.078	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	163215	56.060	ug/l	92
42) 1,2-Dichloroethane	8.531	62	387822	50.279	ug/l	97
43) Isopropyl Acetate	8.560	43	575519	51.091	ug/l	97
44) Trichloroethene	9.217	130	249933	47.653	ug/l	86
45) 1,2-Dichloropropane	9.491	63	251869	49.685	ug/l	99
46) Dibromomethane	9.577	93	194855	50.105	ug/l	95
47) Bromodichloromethane	9.762	83	405434	51.843	ug/l	99
48) Methyl methacrylate	9.561	41	243246	51.441	ug/l #	84
49) 1,4-Dioxane	9.569	88	87453	1144.848	ug/l	85
51) 4-Methyl-2-Pentanone	10.331	43	1786779	262.340	ug/l	97
52) Toluene	10.508	92	635631	48.559	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	406288	51.320	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	416067	49.947	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	273575	49.155	ug/l	97
56) Ethyl methacrylate	10.762	69	400951	46.571	ug/l	93
57) 1,3-Dichloropropane	11.047	76	438523	50.317	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	426524	243.936	ug/l #	90
59) 2-Hexanone	11.087	43	1292735	275.479	ug/l	96
60) Dibromochloromethane	11.240	129	310739	52.932	ug/l	98
61) 1,2-Dibromoethane	11.347	107	276457	50.644	ug/l	100
64) Tetrachloroethene	10.980	164	225851	46.117	ug/l	95
65) Chlorobenzene	11.771	112	710394	47.496	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	290096	50.189	ug/l	99
67) Ethyl Benzene	11.846	91	1299998	49.384	ug/l	97
68) m/p-Xylenes	11.953	106	978989	100.348	ug/l	88
69) o-Xylene	12.283	106	490141	50.851	ug/l	88
70) Styrene	12.296	104	830522	54.188	ug/l	93
71) Bromoform	12.457	173	216638	53.093	ug/l #	98
73) Isopropylbenzene	12.581	105	1320610	49.977	ug/l	98
74) N-amyl acetate	12.388	43	473468	55.734	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	407766	50.793	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	344944m	52.530	ug/l	
77) Bromobenzene	12.860	156	304975	51.018	ug/l	73
78) n-propylbenzene	12.921	91	1534986	51.393	ug/l	96
79) 2-Chlorotoluene	13.007	91	887669	51.452	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1100323	52.439	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	122990	54.447	ug/l	95
82) 4-Chlorotoluene	13.106	91	881597	50.846	ug/l	90
83) tert-Butylbenzene	13.324	119	976361	52.722	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	1104121	53.620	ug/l	94
85) sec-Butylbenzene	13.503	105	1392038	52.060	ug/l	97
86) p-Isopropyltoluene	13.616	119	1135865	53.479	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	545202	48.908	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	527749	47.566	ug/l	95
89) n-Butylbenzene	13.943	91	947793	50.482	ug/l	97
90) Hexachloroethane	14.211	117	223784	51.796	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	524106	48.829	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.603	75	70858	51.045	ug/l	71
93) 1,2,4-Trichlorobenzene	15.265	180	246910	50.699	ug/l	98
94) Hexachlorobutadiene	15.373	225	128605	46.850	ug/l	99
95) Naphthalene	15.507	128	674587	48.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	236369	50.610	ug/l	99

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

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