

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068292.D
 Acq On : 25 Aug 2021 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 26 04:00:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	644746	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	919111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	922149	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	481090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	315148	45.779	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.560%
35) Dibromofluoromethane	8.021	113	293201	50.811	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.620%
50) Toluene-d8	10.443	98	1145629	52.104	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.200%
62) 4-Bromofluorobenzene	12.733	95	406296	55.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	211790	41.456	ug/l	99
3) Chloromethane	2.301	50	230142	39.873	ug/l	98
4) Vinyl Chloride	2.443	62	378043	41.800	ug/l	98
5) Bromomethane	2.834	94	356189	49.904	ug/l	99
6) Chloroethane	3.006	64	288662	53.299	ug/l	99
7) Trichlorofluoromethane	3.365	101	795119	44.720	ug/l	98
8) Diethyl Ether	3.813	74	185571	44.997	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.199	101	254242	46.769	ug/l #	84
10) Methyl Iodide	4.414	142	353253	45.700	ug/l	89
11) Tert butyl alcohol	5.390	59	206467	240.498	ug/l	98
12) 1,1-Dichloroethene	4.170	96	227352	43.497	ug/l #	75
13) Acrolein	4.041	56	66324	112.077	ug/l	98
14) Allyl chloride	4.835	41	302579	45.289	ug/l #	93
15) Acrylonitrile	5.557	53	569848	235.600	ug/l	100
16) Acetone	4.288	43	570934	284.053	ug/l #	86
17) Carbon Disulfide	4.521	76	576573	42.671	ug/l	98
18) Methyl Acetate	4.857	43	261533	51.063	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	811433	48.153	ug/l	97
20) Methylene Chloride	5.093	84	277152	49.836	ug/l #	80
21) trans-1,2-Dichloroethene	5.591	96	264319	45.170	ug/l #	79
22) Diisopropyl ether	6.498	45	706865	48.432	ug/l #	94
23) Vinyl Acetate	6.434	43	2726803	240.019	ug/l #	87
24) 1,1-Dichloroethane	6.385	63	437990	44.915	ug/l	96
25) 2-Butanone	7.337	43	794470	253.632	ug/l #	85
26) 2,2-Dichloropropane	7.327	77	422123	50.521	ug/l	90
27) cis-1,2-Dichloroethene	7.324	96	321558	45.893	ug/l	75
28) Bromochloromethane	7.657	49	205295	47.876	ug/l #	41
29) Tetrahydrofuran	7.689	42	485436	242.324	ug/l #	78
30) Chloroform	7.817	83	537505	46.271	ug/l	97
31) Cyclohexane	8.094	56	398984	44.002	ug/l #	84
32) 1,1,1-Trichloroethane	8.016	97	506670	48.909	ug/l	94
36) 1,1-Dichloropropene	8.222	75	379649	50.530	ug/l	91
37) Ethyl Acetate	7.415	43	301185	47.054	ug/l #	95
38) Carbon Tetrachloride	8.204	117	461249	53.227	ug/l	96
39) Methylcyclohexane	9.461	83	493206	58.123	ug/l #	84
40) Benzene	8.458	78	1173386	51.168	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	151031	51.682	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	396637	50.777	ug/l	92
43) Isopropyl Acetate	8.563	43	530196	51.711	ug/l #	88
44) Trichloroethene	9.215	130	355075	51.489	ug/l	74
45) 1,2-Dichloropropane	9.491	63	278321	51.599	ug/l	98
46) Dibromomethane	9.579	93	227320	51.663	ug/l #	77
47) Bromodichloromethane	9.762	83	435116	53.214	ug/l #	96
48) Methyl methacrylate	9.561	41	248100	58.066	ug/l #	85
49) 1,4-Dioxane	9.571	88	109425	1059.551	ug/l #	77
51) 4-Methyl-2-Pentanone	10.333	43	1705875	270.850	ug/l	89
52) Toluene	10.507	92	845992	54.114	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	452748	56.374	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	474165	54.493	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	328351	52.558	ug/l	94
56) Ethyl methacrylate	10.762	69	446892	55.702	ug/l #	79
57) 1,3-Dichloropropane	11.047	76	500065	51.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	342180	203.015	ug/l #	83
59) 2-Hexanone	11.087	43	1240939	283.756	ug/l	86
60) Dibromochloromethane	11.240	129	408805	58.002	ug/l	100
61) 1,2-Dibromoethane	11.347	107	352223	54.363	ug/l	98
64) Tetrachloroethene	10.977	164	386865	54.255	ug/l	88
65) Chlorobenzene	11.773	112	960723	50.884	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	388995	54.618	ug/l	98
67) Ethyl Benzene	11.846	91	1657512	53.221	ug/l	93
68) m/p-Xylenes	11.956	106	1368219	109.822	ug/l	77
69) o-Xylene	12.283	106	655911	54.488	ug/l	80
70) Styrene	12.296	104	1083011	56.208	ug/l #	89
71) Bromoform	12.460	173	337470	59.084	ug/l #	98
73) Isopropylbenzene	12.581	105	1722561	50.345	ug/l	94
74) N-amyl acetate	12.390	43	419039	47.033	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.830	83	464918	45.307	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	395668m	49.482	ug/l	
77) Bromobenzene	12.862	156	474906	50.381	ug/l	52
78) n-propylbenzene	12.921	91	1873867	51.055	ug/l	89
79) 2-Chlorotoluene	13.010	91	1102941	48.590	ug/l	80
80) 1,3,5-Trimethylbenzene	13.061	105	1444103	52.172	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	130423	53.436	ug/l	86
82) 4-Chlorotoluene	13.106	91	1087017	49.338	ug/l	83
83) tert-Butylbenzene	13.326	119	1303463	53.031	ug/l	82
84) 1,2,4-Trimethylbenzene	13.372	105	1425999	52.774	ug/l	89
85) sec-Butylbenzene	13.503	105	1788430	55.260	ug/l	92
86) p-Isopropyltoluene	13.619	119	1532054	57.350	ug/l	90
87) 1,3-Dichlorobenzene	13.619	146	840232	52.274	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	814771	50.036	ug/l	91
89) n-Butylbenzene	13.946	91	1108109	55.605	ug/l	95
90) Hexachloroethane	14.214	117	270288	54.530	ug/l	65
91) 1,2-Dichlorobenzene	13.991	146	784689	51.275	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	73681	47.406	ug/l #	29
93) 1,2,4-Trichlorobenzene	15.265	180	380260	47.522	ug/l	97
94) Hexachlorobutadiene	15.370	225	245197	59.160	ug/l	100
95) Naphthalene	15.509	128	786212	42.192	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	358450	47.211	ug/l	97

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

