

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063125.D
 Acq On : 25 Aug 2020 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 07:24:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	211281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	337439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	306884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153300	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	132704	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	7.55	113	101756	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
50) Toluene-d8	10.06	98	430641	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.38	95	155956	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	128064	46.414	ug/l 98
3) Chloromethane	2.03	50	135391	46.736	ug/l 100
4) Vinyl Chloride	2.16	62	138916	49.585	ug/l 98
5) Bromomethane	2.53	94	58567	35.220	ug/l 95
6) Chloroethane	2.67	64	82847	50.086	ug/l 99
7) Trichlorofluoromethane	2.99	101	145836	41.742	ug/l 98
8) Diethyl Ether	3.38	74	62140	50.276	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	86007	45.684	ug/l 99
10) Methyl Iodide	3.91	142	92951	38.952	ug/l 100
11) Tert butyl alcohol	4.73	59	82811	233.474	ug/l 100
12) 1,1-Dichloroethene	3.70	96	90105	50.242	ug/l 93
13) Acrolein	3.57	56	2980	26.819	ug/l 85
14) Allyl chloride	4.28	41	119543	37.804	ug/l 96
15) Acrylonitrile	4.93	53	261963	251.282	ug/l 99
16) Acetone	3.78	43	223930	287.358	ug/l 98
17) Carbon Disulfide	4.01	76	196209	41.775	ug/l 99
18) Methyl Acetate	4.28	43	279559	112.341	ug/l 99
19) Methyl tert-butyl Ether	5.00	73	338783	54.166	ug/l 99
20) Methylene Chloride	4.50	84	105713	47.825	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	88843	47.336	ug/l 97
22) Diisopropyl ether	5.90	45	378696	52.774	ug/l 98
23) Vinyl Acetate	5.85	43	1162365	240.045	ug/l 100
24) 1,1-Dichloroethane	5.80	63	196062	48.895	ug/l 98
25) 2-Butanone	6.79	43	326703	245.749	ug/l 99
26) 2,2-Dichloropropane	6.78	77	124595	39.510	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	114370	48.617	ug/l 100
28) Bromochloromethane	7.15	49	104371	49.746	ug/l 97
29) Tetrahydrofuran	7.17	42	215474	251.133	ug/l 99
30) Chloroform	7.33	83	200738	49.707	ug/l 100
31) Cyclohexane	7.62	56	176379	47.791	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	160116	48.565	ug/l 98
36) 1,1-Dichloropropene	7.75	75	131701	44.289	ug/l 99
37) Ethyl Acetate	6.89	43	126990	45.575	ug/l 99
38) Carbon Tetrachloride	7.73	117	111845	37.255	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	166616	41.767	ug/l	98
40) Benzene	8.00	78	427456	45.322	ug/l	99
41) Methacrylonitrile	7.13	41	64926	48.906	ug/l	96
42) 1,2-Dichloroethane	8.09	62	143380	45.275	ug/l	100
43) Isopropyl Acetate	8.13	43	222964	48.300	ug/l	99
44) Trichloroethene	8.80	130	133353	56.842	ug/l	95
45) 1,2-Dichloropropane	9.08	63	126437	46.378	ug/l	99
46) Dibromomethane	9.17	93	72900	46.287	ug/l	99
47) Bromodichloromethane	9.37	83	153332	44.451	ug/l	100
48) Methyl methacrylate	9.17	41	109128	49.964	ug/l	97
49) 1,4-Dioxane	9.17	88	36920	771.704	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	719224	246.493	ug/l	100
52) Toluene	10.13	92	270053	47.466	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	165224	46.318	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	184354	47.111	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	113770	46.766	ug/l	99
56) Ethyl methacrylate	10.40	69	173864	46.403	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188170	46.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	394710	423.218	ug/l	99
59) 2-Hexanone	10.72	43	508439	249.815	ug/l	100
60) Dibromochloromethane	10.88	129	113252	42.066	ug/l	99
61) 1,2-Dibromoethane	10.98	107	110186	47.138	ug/l	99
64) Tetrachloroethene	10.61	164	164656	81.623	ug/l	98
65) Chlorobenzene	11.41	112	294977	47.860	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	97545	40.690	ug/l	99
67) Ethyl Benzene	11.49	91	526071	50.514	ug/l	99
68) m/p-Xylenes	11.60	106	393385	101.633	ug/l	99
69) o-Xylene	11.92	106	191162	51.431	ug/l	98
70) Styrene	11.94	104	343939	46.759	ug/l	100
71) Bromoform	12.10	173	65425	34.287	ug/l #	100
73) Isopropylbenzene	12.23	105	519006	49.439	ug/l	99
74) N-amyl acetate	12.05	43	216387	57.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	138495	40.565	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	130109m	43.664	ug/l	
77) Bromobenzene	12.50	156	133802	46.342	ug/l	99
78) n-propylbenzene	12.57	91	605816	50.629	ug/l	100
79) 2-Chlorotoluene	12.65	91	359973	47.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	442420	50.981	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	46623	42.972	ug/l	99
82) 4-Chlorotoluene	12.75	91	378207	49.350	ug/l	100
83) tert-Butylbenzene	12.97	119	371992	49.664	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	454283	53.734	ug/l	99
85) sec-Butylbenzene	13.15	105	496278	49.026	ug/l	100
86) p-Isopropyltoluene	13.26	119	453306	51.393	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	243197	49.012	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	247646	49.172	ug/l	99
89) n-Butylbenzene	13.59	91	403993	48.418	ug/l	99
90) Hexachloroethane	13.85	117	28330	15.111	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	240620	50.202	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	30346	57.397	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	155708	57.824	ug/l	99
94) Hexachlorobutadiene	14.98	225	63337	35.760	ug/l	99
95) Naphthalene	15.11	128	449176	70.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	151368	57.474	ug/l	99

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

