

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063001.D
 Acq On : 19 Aug 2020 9:46
 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

MMDadoda
 8/20/2020 10:09:31 AM

Quant Time: Aug 19 14:03:22 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	7.62	168	178584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258589	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	250411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	124211	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109919	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	7.55	113	90230	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
50) Toluene-d8	10.06	98	350446	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
62) 4-Bromofluorobenzene	12.38	95	125901	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	123160	52.771	ug/l	97
3) Chloromethane	2.03	50	131433	53.676	ug/l	98
4) Vinyl Chloride	2.16	62	125801	53.125	ug/l	98
5) Bromomethane	2.53	94	80445	57.234	ug/l	98
6) Chloroethane	2.67	64	76370	54.623	ug/l	99
7) Trichlorofluoromethane	2.98	101	156110	52.863	ug/l	100
8) Diethyl Ether	3.37	74	52415	50.172	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	79437	49.920	ug/l	100
10) Methyl Iodide	3.91	142	107351	53.223	ug/l	100
11) Tert butyl alcohol	4.73	59	71273	237.735	ug/l	100
12) 1,1-Dichloroethene	3.70	96	72617	47.904	ug/l	99
13) Acrolein	3.56	56	15457	164.577	ug/l	99
14) Allyl chloride	4.27	41	130855	48.958	ug/l	98
15) Acrylonitrile	4.93	53	224137	254.363	ug/l	100
16) Acetone	3.78	43	204796	311.248	ug/l	99
17) Carbon Disulfide	4.01	76	198051	49.887	ug/l	98
18) Methyl Acetate	4.28	43	98878	47.009	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	284705	53.855	ug/l	99
20) Methylene Chloride	4.50	84	94477	50.646	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	80687	50.862	ug/l	98
22) Diisopropyl ether	5.90	45	319709	52.712	ug/l	98
23) Vinyl Acetate	5.84	43	1028424	251.270	ug/l	98
24) 1,1-Dichloroethane	5.80	63	168488	49.712	ug/l	98
25) 2-Butanone	6.78	43	303425	270.027	ug/l	99
26) 2,2-Dichloropropane	6.77	77	142721	53.544	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	102403	51.500	ug/l	99
28) Bromochloromethane	7.15	49	87242	49.195	ug/l	98
29) Tetrahydrofuran	7.17	42	192883	265.963	ug/l	99
30) Chloroform	7.33	83	176523	51.714	ug/l	99
31) Cyclohexane	7.61	56	164134	52.616	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	143576	51.521	ug/l	98
36) 1,1-Dichloropropene	7.75	75	120803	53.011	ug/l	99
37) Ethyl Acetate	6.88	43	109645	51.349	ug/l	99
38) Carbon Tetrachloride	7.73	117	122652	53.312	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	159832	51.890	ug/l	98
40) Benzene	8.00	78	386059	53.414	ug/l	99
41) Methacrylonitrile	7.12	41	51092	50.220	ug/l #	91
42) 1,2-Dichloroethane	8.09	62	132222	54.483	ug/l	99
43) Isopropyl Acetate	8.12	43	188054	53.160	ug/l #	92
44) Trichloroethene	8.80	130	93981	52.275	ug/l	97
45) 1,2-Dichloropropane	9.08	63	113245	54.205	ug/l	98
46) Dibromomethane	9.17	93	66573	55.159	ug/l	99
47) Bromodichloromethane	9.37	83	144209	54.553	ug/l	99
48) Methyl methacrylate	9.17	41	91905	54.909	ug/l	99
49) 1,4-Dioxane	9.17	88	36476	990.481	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	612980	274.139	ug/l	100
52) Toluene	10.12	92	243737	55.903	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	154657	56.576	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	169695	56.588	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	101639	54.520	ug/l	99
56) Ethyl methacrylate	10.40	69	145786	50.610	ug/l	98
57) 1,3-Dichloropropane	10.68	76	170817	55.179	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	159110	228.405	ug/l	98
59) 2-Hexanone	10.72	43	434170	278.372	ug/l	100
60) Dibromochloromethane	10.87	129	113796	55.157	ug/l	99
61) 1,2-Dibromoethane	10.98	107	99984	55.816	ug/l	100
64) Tetrachloroethene	10.60	164	85965	52.225	ug/l	99
65) Chlorobenzene	11.41	112	265361	52.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	103497	52.909	ug/l	99
67) Ethyl Benzene	11.48	91	472489	55.601	ug/l	99
68) m/p-Xylenes	11.59	106	361882	114.579	ug/l	100
69) o-Xylene	11.92	106	171096	56.413	ug/l	99
70) Styrene	11.94	104	306747	50.928	ug/l	100
71) Bromoform	12.10	173	83817	53.832	ug/l #	100
73) Isopropylbenzene	12.22	105	468862	55.121	ug/l	99
74) N-amyl acetate	12.05	43	170765	56.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	148126	54.104	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	133458m	55.276	ug/l	
77) Bromobenzene	12.50	156	124653	53.284	ug/l	98
78) n-propylbenzene	12.57	91	555172	57.262	ug/l	100
79) 2-Chlorotoluene	12.65	91	327745	53.744	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	403871	57.437	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	48205	54.835	ug/l	98
82) 4-Chlorotoluene	12.75	91	344930	55.548	ug/l	99
83) tert-Butylbenzene	12.97	119	334653	55.142	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	398654	58.197	ug/l	99
85) sec-Butylbenzene	13.15	105	465071	56.702	ug/l	100
86) p-Isopropyltoluene	13.26	119	416232	58.241	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	219918	54.700	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	219438	53.775	ug/l	100
89) n-Butylbenzene	13.59	91	344808	50.855	ug/l	99
90) Hexachloroethane	13.85	117	79854	52.570	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	213352	54.937	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	24317	56.765	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	110873	51.367	ug/l	99
94) Hexachlorobutadiene	14.98	225	75137	52.358	ug/l	99
95) Naphthalene	15.10	128	243912	49.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	110616	52.226	ug/l	99

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

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