

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063145.D
 Acq On : 26 Aug 2020 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:37 PM

Quant Time: Aug 27 02:22:09 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	189111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	270562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111929	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
35) Dibromofluoromethane	7.55	113	94747	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.06	98	367768	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.38	95	132949	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	102244	41.430	ug/l	100
3) Chloromethane	2.03	50	108442	41.822	ug/l	99
4) Vinyl Chloride	2.17	62	122091	48.688	ug/l	99
5) Bromomethane	2.54	94	72508	48.715	ug/l	96
6) Chloroethane	2.67	64	73196	49.439	ug/l	100
7) Trichlorofluoromethane	2.99	101	151360	48.401	ug/l	97
8) Diethyl Ether	3.38	74	48877	44.181	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	72424	42.979	ug/l	100
10) Methyl Iodide	3.91	142	98139	45.947	ug/l	100
11) Tert butyl alcohol	4.73	59	65529	206.408	ug/l	100
12) 1,1-Dichloroethene	3.70	96	67790	42.230	ug/l	99
13) Acrolein	3.57	56	1998	20.089	ug/l	86
14) Allyl chloride	4.28	41	119492	42.218	ug/l	96
15) Acrylonitrile	4.93	53	200369	214.732	ug/l	100
16) Acetone	3.78	43	139710	199.093	ug/l	99
17) Carbon Disulfide	4.01	76	157005	37.347	ug/l	97
18) Methyl Acetate	4.28	43	91669	41.156	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	272057	48.597	ug/l	99
20) Methylene Chloride	4.51	84	89983	45.414	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	74158	44.144	ug/l	98
22) Diisopropyl ether	5.91	45	293314	45.668	ug/l	99
23) Vinyl Acetate	5.85	43	910548	210.086	ug/l	97
24) 1,1-Dichloroethane	5.80	63	157585	43.906	ug/l	100
25) 2-Butanone	6.79	43	265595	223.204	ug/l	98
26) 2,2-Dichloropropane	6.78	77	125092	44.318	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	101768	48.332	ug/l	98
28) Bromochloromethane	7.15	49	91526	48.738	ug/l	99
29) Tetrahydrofuran	7.17	42	173725	226.212	ug/l	98
30) Chloroform	7.33	83	171957	47.572	ug/l	99
31) Cyclohexane	7.62	56	144523	43.750	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	140629	47.655	ug/l	99
36) 1,1-Dichloropropene	7.75	75	115324	45.308	ug/l	99
37) Ethyl Acetate	6.88	43	101797	42.682	ug/l	99
38) Carbon Tetrachloride	7.73	117	118261	46.021	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	124166	36.566	ug/l	98
40) Benzene	8.00	78	374002	46.328	ug/l	99
41) Methacrylonitrile	7.12	41	44104	38.813	ug/l #	82
42) 1,2-Dichloroethane	8.09	62	124913	46.082	ug/l	100
43) Isopropyl Acetate	8.13	43	177632	44.956	ug/l	98
44) Trichloroethene	8.80	130	94375	46.998	ug/l	98
45) 1,2-Dichloropropane	9.09	63	108280	46.402	ug/l	99
46) Dibromomethane	9.18	93	62034	46.017	ug/l	98
47) Bromodichloromethane	9.37	83	139181	47.139	ug/l	98
48) Methyl methacrylate	9.17	41	91591	48.992	ug/l	96
49) 1,4-Dioxane	9.17	88	33191	809.748	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	579650	232.091	ug/l	99
52) Toluene	10.13	92	230824	47.398	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	149644	49.010	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	162055	48.382	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	97300	46.727	ug/l	99
56) Ethyl methacrylate	10.40	69	143835	44.908	ug/l	100
57) 1,3-Dichloropropane	10.68	76	163674	47.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	326882	409.873	ug/l	99
59) 2-Hexanone	10.72	43	413926	237.605	ug/l	100
60) Dibromochloromethane	10.88	129	108970	47.288	ug/l	99
61) 1,2-Dibromoethane	10.98	107	93867	46.915	ug/l	98
64) Tetrachloroethene	10.60	164	92925	52.248	ug/l	98
65) Chlorobenzene	11.41	112	258825	47.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	101930	48.227	ug/l	100
67) Ethyl Benzene	11.49	91	453886	49.434	ug/l	99
68) m/p-Xylenes	11.60	106	343343	100.612	ug/l	99
69) o-Xylene	11.92	106	163140	49.784	ug/l	99
70) Styrene	11.94	104	300099	46.296	ug/l	99
71) Bromoform	12.10	173	81077	48.194	ug/l #	99
73) Isopropylbenzene	12.23	105	435598	47.069	ug/l	100
74) N-amyl acetate	12.05	43	167240	50.457	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	138483	46.246	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	108796m	41.417	ug/l	
77) Bromobenzene	12.50	156	117839	46.297	ug/l	99
78) n-propylbenzene	12.57	91	503413	47.723	ug/l	100
79) 2-Chlorotoluene	12.65	91	309599	46.662	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	366534	47.911	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	46135	48.235	ug/l	98
82) 4-Chlorotoluene	12.75	91	326847	48.378	ug/l	98
83) tert-Butylbenzene	12.97	119	300338	45.485	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	376086	50.461	ug/l	99
85) sec-Butylbenzene	13.15	105	389312	43.626	ug/l	99
86) p-Isopropyltoluene	13.26	119	357031	45.917	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	213290	48.760	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	214288	48.266	ug/l	100
89) n-Butylbenzene	13.59	91	299587	41.170	ug/l	100
90) Hexachloroethane	13.85	117	63371	38.344	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	210883	49.909	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25461	54.628	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	129038	54.631	ug/l	98
94) Hexachlorobutadiene	14.99	225	47275	30.278	ug/l	99
95) Naphthalene	15.10	128	373252	67.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	127328	55.024	ug/l	99

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

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