

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062775.D
 Acq On : 6 Aug 2020 18:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:50:52 PM

Quant Time: Aug 07 04:53:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	177745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	138109	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	7.55	113	94801	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.06	98	368410	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.38	95	139942	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	129499	50.879	ug/l	98
3) Chloromethane	2.03	50	136823	56.966	ug/l	100
4) Vinyl Chloride	2.16	62	128191	56.904	ug/l	99
5) Bromomethane	2.51	94	66971	44.909	ug/l	99
6) Chloroethane	2.66	64	73330	49.479	ug/l	96
7) Trichlorofluoromethane	2.98	101	187030	46.559	ug/l	99
8) Diethyl Ether	3.37	74	53561	46.576	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	80662	49.784	ug/l	97
10) Methyl Iodide	3.91	142	99183	50.941	ug/l	96
11) Tert butyl alcohol	4.74	59	101160	209.984	ug/l	99
12) 1,1-Dichloroethene	3.69	96	73557	48.560	ug/l	99
13) Acrolein	3.57	56	61042	209.274	ug/l	99
14) Allyl chloride	4.27	41	144101	46.306	ug/l	96
15) Acrylonitrile	4.93	53	266409	238.425	ug/l	99
16) Acetone	3.78	43	223150	210.103	ug/l	100
17) Carbon Disulfide	4.01	76	202473	47.057	ug/l	98
18) Methyl Acetate	4.28	43	122941	48.916	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	326180	47.365	ug/l	99
20) Methylene Chloride	4.50	84	92351	47.475	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	79704	44.810	ug/l	100
22) Diisopropyl ether	5.90	45	334265	50.458	ug/l	97
23) Vinyl Acetate	5.84	43	1169216	232.040	ug/l	100
24) 1,1-Dichloroethane	5.80	63	175810	45.286	ug/l	99
25) 2-Butanone	6.79	43	349315	232.218	ug/l	98
26) 2,2-Dichloropropane	6.78	77	132507	37.028	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	98760	46.285	ug/l	94
28) Bromochloromethane	7.15	49	90276	48.182	ug/l	96
29) Tetrahydrofuran	7.17	42	230880	236.251	ug/l	99
30) Chloroform	7.33	83	182197	44.161	ug/l	100
31) Cyclohexane	7.62	56	168692	47.336	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	162531	44.061	ug/l	98
36) 1,1-Dichloropropene	7.75	75	126642	45.413	ug/l	99
37) Ethyl Acetate	6.88	43	131251	45.056	ug/l	100
38) Carbon Tetrachloride	7.73	117	141908	43.026	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	162140	48.313	ug/l	98
40) Benzene	8.00	78	373044	44.829	ug/l	96
41) Methacrylonitrile	7.13	41	68316m	51.971	ug/l	
42) 1,2-Dichloroethane	8.08	62	156256	44.118	ug/l	100
43) Isopropyl Acetate	8.13	43	221115	45.507	ug/l	99
44) Trichloroethene	8.80	130	91583	45.173	ug/l	99
45) 1,2-Dichloropropane	9.08	63	104936	46.592	ug/l	93
46) Dibromomethane	9.17	93	69301	46.962	ug/l	98
47) Bromodichloromethane	9.37	83	153087	46.190	ug/l	99
48) Methyl methacrylate	9.17	41	110445	46.213	ug/l	99
49) 1,4-Dioxane	9.17	88	39301	887.481	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	741997	236.021	ug/l	100
52) Toluene	10.13	92	237686	46.261	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	161140	44.201	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	168528	46.042	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	98163	44.734	ug/l	98
56) Ethyl methacrylate	10.40	69	161391	48.863	ug/l	98
57) 1,3-Dichloropropane	10.68	76	174111	46.697	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	214979	230.263	ug/l	98
59) 2-Hexanone	10.72	43	553265	235.927	ug/l	100
60) Dibromochloromethane	10.88	129	115653	46.185	ug/l	97
61) 1,2-Dibromoethane	10.98	107	99574	45.986	ug/l	100
64) Tetrachloroethene	10.60	164	78413	45.808	ug/l	99
65) Chlorobenzene	11.41	112	259240	46.744	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	101985	45.793	ug/l	99
67) Ethyl Benzene	11.48	91	477526	48.117	ug/l	100
68) m/p-Xylenes	11.60	106	349055	96.892	ug/l	99
69) o-Xylene	11.92	106	167180	49.519	ug/l	98
70) Styrene	11.94	104	297840	50.190	ug/l	99
71) Bromoform	12.10	173	82467	45.257	ug/l #	99
73) Isopropylbenzene	12.22	105	473755	48.223	ug/l	100
74) N-amyl acetate	12.05	43	204368	51.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	156262	45.183	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	153344m	43.581	ug/l	
77) Bromobenzene	12.50	156	113692	46.576	ug/l	95
78) n-propylbenzene	12.57	91	558949	48.469	ug/l	100
79) 2-Chlorotoluene	12.65	91	333634	46.134	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	419005	49.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	50463	43.781	ug/l	97
82) 4-Chlorotoluene	12.75	91	353609	47.448	ug/l	99
83) tert-Butylbenzene	12.97	119	350246	48.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	414345	50.816	ug/l	100
85) sec-Butylbenzene	13.15	105	461858	48.767	ug/l	99
86) p-Isopropyltoluene	13.26	119	416775	49.577	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	203026	46.557	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	201785	46.135	ug/l	98
89) n-Butylbenzene	13.59	91	347376	48.859	ug/l	99
90) Hexachloroethane	13.85	117	79410	43.823	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	198952	48.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33501	45.121	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	94092	43.328	ug/l	98
94) Hexachlorobutadiene	14.99	225	60970	47.297	ug/l	98
95) Naphthalene	15.10	128	251435	42.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	94273	43.915	ug/l	100

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

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