

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064250.D
 Acq On : 22 Oct 2020 6:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:11:07 PM

Quant Time: Oct 22 06:35:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	262353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	444870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	413125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	207553	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.55	113	149527	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.06	98	544274	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.37	95	217038	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	168463	52.521	ug/l	96
3) Chloromethane	2.04	50	168916	55.707	ug/l	99
4) Vinyl Chloride	2.16	62	164273	54.644	ug/l	94
5) Bromomethane	2.52	94	102563	52.341	ug/l	100
6) Chloroethane	2.67	64	97356	53.198	ug/l	97
7) Trichlorofluoromethane	2.98	101	273360	55.295	ug/l	97
8) Diethyl Ether	3.38	74	88439	54.080	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	132519	51.838	ug/l	98
10) Methyl Iodide	3.91	142	188870	51.954	ug/l	96
11) Tert butyl alcohol	4.73	59	158953	304.777	ug/l	98
12) 1,1-Dichloroethene	3.69	96	132828	54.020	ug/l	99
13) Acrolein	3.56	56	62088	189.648	ug/l	99
14) Allyl chloride	4.28	41	241014	48.974	ug/l	94
15) Acrylonitrile	4.93	53	321782	298.375	ug/l	98
16) Acetone	3.78	43	337617	302.855	ug/l	98
17) Carbon Disulfide	4.01	76	376258	53.645	ug/l	99
18) Methyl Acetate	4.28	43	160768	56.595	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	469271	55.513	ug/l	98
20) Methylene Chloride	4.51	84	153921	51.780	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	144964	53.465	ug/l	98
22) Diisopropyl ether	5.90	45	491190	53.691	ug/l	98
23) Vinyl Acetate	5.84	43	2291342	280.850	ug/l	99
24) 1,1-Dichloroethane	5.79	63	292735	55.236	ug/l	98
25) 2-Butanone	6.78	43	512781	289.522	ug/l	100
26) 2,2-Dichloropropane	6.78	77	205213	38.895	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	170027	53.847	ug/l	95
28) Bromochloromethane	7.15	49	138716	55.096	ug/l	98
29) Tetrahydrofuran	7.16	42	313368	295.786	ug/l	99
30) Chloroform	7.33	83	308001	54.484	ug/l	99
31) Cyclohexane	7.61	56	225501	48.824	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	294393	55.590	ug/l	100
36) 1,1-Dichloropropene	7.75	75	222084	50.074	ug/l	99
37) Ethyl Acetate	6.88	43	222309	55.207	ug/l	99
38) Carbon Tetrachloride	7.73	117	265085	52.532	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	199572	49.487	ug/l	98
40) Benzene	8.00	78	622347	50.833	ug/l	99
41) Methacrylonitrile	7.13	41	113294	53.635	ug/l	94
42) 1,2-Dichloroethane	8.08	62	274140	52.270	ug/l	100
43) Isopropyl Acetate	8.13	43	409211	54.528	ug/l #	90
44) Trichloroethene	8.80	130	173252	51.931	ug/l	94
45) 1,2-Dichloropropane	9.08	63	171512	52.476	ug/l	98
46) Dibromomethane	9.17	93	121124	55.191	ug/l	98
47) Bromodichloromethane	9.37	83	257752	53.160	ug/l	100
48) Methyl methacrylate	9.17	41	202506	51.656	ug/l	97
49) 1,4-Dioxane	9.16	88	54293	1183.647	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	1148697	286.397	ug/l	99
52) Toluene	10.13	92	407646	52.037	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	274823	51.024	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	280477	49.457	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	157950	53.386	ug/l	97
56) Ethyl methacrylate	10.40	69	256092	55.979	ug/l	99
57) 1,3-Dichloropropane	10.68	76	278853	54.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	629017	267.017	ug/l	99
59) 2-Hexanone	10.72	43	843605	288.002	ug/l	100
60) Dibromochloromethane	10.87	129	198395	51.799	ug/l	97
61) 1,2-Dibromoethane	10.98	107	171990	55.088	ug/l	99
64) Tetrachloroethene	10.60	164	160276	48.190	ug/l	98
65) Chlorobenzene	11.41	112	438308	51.256	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	174377	51.372	ug/l	98
67) Ethyl Benzene	11.48	91	812469	51.699	ug/l	98
68) m/p-Xylenes	11.59	106	597752	102.659	ug/l	97
69) o-Xylene	11.92	106	286876	50.942	ug/l	95
70) Styrene	11.94	104	481944	51.057	ug/l	98
71) Bromoform	12.10	173	142114	54.197	ug/l #	95
73) Isopropylbenzene	12.22	105	772329	50.189	ug/l	99
74) N-amyl acetate	12.04	43	361135	54.312	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	218437	53.492	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	209807m	49.326	ug/l	
77) Bromobenzene	12.50	156	189725	52.225	ug/l	96
78) n-propylbenzene	12.57	91	861887	49.676	ug/l	99
79) 2-Chlorotoluene	12.65	91	537048	50.394	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	647374	49.762	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	79003	46.893	ug/l	98
82) 4-Chlorotoluene	12.75	91	566750	50.984	ug/l	100
83) tert-Butylbenzene	12.97	119	537125	50.358	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	664465	51.317	ug/l	100
85) sec-Butylbenzene	13.14	105	672174	49.988	ug/l	100
86) p-Isopropyltoluene	13.26	119	616654	50.360	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	330548	51.136	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	337380	50.992	ug/l	97
89) n-Butylbenzene	13.59	91	522341	47.587	ug/l	98
90) Hexachloroethane	13.85	117	109669	49.453	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	325654	51.353	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55800	54.772	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	180946	50.874	ug/l	97
94) Hexachlorobutadiene	14.98	225	87909	45.826	ug/l	98
95) Naphthalene	15.10	128	572678	53.766	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	175549	49.834	ug/l	100

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

