

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064545.D
 Acq On : 11 Nov 2020 10:23
 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
 11/12/2020 9:12:14 AM

Quant Time: Nov 12 01:53:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	324651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	558128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	534135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	266023	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	7.55	113	189435	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.06	98	715396	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.38	95	277891	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	191493	45.312	ug/l	99
3) Chloromethane	2.04	50	227830	44.383	ug/l	100
4) Vinyl Chloride	2.17	62	244998	46.477	ug/l	98
5) Bromomethane	2.53	94	165920	49.270	ug/l	99
6) Chloroethane	2.67	64	164962	48.879	ug/l	98
7) Trichlorofluoromethane	2.99	101	383846	49.452	ug/l	98
8) Diethyl Ether	3.37	74	133762	48.799	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	180316	48.919	ug/l	99
10) Methyl Iodide	3.91	142	214553	50.094	ug/l	99
11) Tert butyl alcohol	4.75	59	154345	247.498	ug/l	99
12) 1,1-Dichloroethene	3.69	96	163705	47.149	ug/l	100
13) Acrolein	3.57	56	138348	357.651	ug/l	98
14) Allyl chloride	4.27	41	322020	47.411	ug/l	99
15) Acrylonitrile	4.93	53	459011	264.372	ug/l	99
16) Acetone	3.78	43	608736	282.599	ug/l	99
17) Carbon Disulfide	4.00	76	487267	46.929	ug/l	99
18) Methyl Acetate	4.28	43	214978	50.764	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	613992	49.134	ug/l	97
20) Methylene Chloride	4.50	84	202065	47.280	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	191874	48.671	ug/l	97
22) Diisopropyl ether	5.90	45	705203	48.912	ug/l	99
23) Vinyl Acetate	5.85	43	2965786	252.862	ug/l	98
24) 1,1-Dichloroethane	5.80	63	384599	48.544	ug/l	100
25) 2-Butanone	6.79	43	735213	267.878	ug/l	99
26) 2,2-Dichloropropane	6.78	77	354432	49.419	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	223266	48.875	ug/l	97
28) Bromochloromethane	7.15	49	185595	47.659	ug/l	100
29) Tetrahydrofuran	7.17	42	425086	252.447	ug/l	98
30) Chloroform	7.33	83	413789	49.687	ug/l	98
31) Cyclohexane	7.61	56	305500	44.442	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	366915	49.675	ug/l	98
36) 1,1-Dichloropropene	7.75	75	301193	51.082	ug/l	99
37) Ethyl Acetate	6.88	43	288675	48.266	ug/l	99
38) Carbon Tetrachloride	7.73	117	326046	51.740	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	272010	51.463	ug/l	98
40) Benzene	8.00	78	858973	49.577	ug/l	99
41) Methacrylonitrile	7.13	41	138229	52.879	ug/l	89
42) 1,2-Dichloroethane	8.08	62	357815	51.174	ug/l	100
43) Isopropyl Acetate	8.13	43	487671	51.036	ug/l	100
44) Trichloroethene	8.80	130	218759	50.044	ug/l	97
45) 1,2-Dichloropropane	9.08	63	237157	51.299	ug/l	99
46) Dibromomethane	9.17	93	160691	52.802	ug/l	98
47) Bromodichloromethane	9.37	83	339816	51.931	ug/l	99
48) Methyl methacrylate	9.17	41	248661	51.572	ug/l	99
49) 1,4-Dioxane	9.17	88	69456	1093.658	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1506988	270.438	ug/l	99
52) Toluene	10.13	92	548570	51.911	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	361221	52.069	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	374660	50.511	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	214914	52.148	ug/l	98
56) Ethyl methacrylate	10.40	69	319990	47.295	ug/l	99
57) 1,3-Dichloropropane	10.68	76	372920	51.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	846668	263.025	ug/l	97
59) 2-Hexanone	10.72	43	1153548	253.802	ug/l	100
60) Dibromochloromethane	10.87	129	249452	54.062	ug/l	100
61) 1,2-Dibromoethane	10.98	107	222434	53.210	ug/l	99
64) Tetrachloroethene	10.60	164	200192	48.656	ug/l	99
65) Chlorobenzene	11.41	112	575439	49.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	228159	52.230	ug/l	100
67) Ethyl Benzene	11.48	91	1065112	51.139	ug/l	100
68) m/p-Xylenes	11.59	106	784413	103.848	ug/l	98
69) o-Xylene	11.92	106	369277	50.592	ug/l	98
70) Styrene	11.94	104	652955	53.162	ug/l	99
71) Bromoform	12.10	173	164069	50.020	ug/l #	97
73) Isopropylbenzene	12.22	105	994452	48.833	ug/l	100
74) N-amyl acetate	12.05	43	436564	44.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	306643	49.024	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	307301m	49.503	ug/l	
77) Bromobenzene	12.50	156	235791	47.425	ug/l	99
78) n-propylbenzene	12.57	91	1166996	50.265	ug/l	100
79) 2-Chlorotoluene	12.65	91	721803	49.018	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	844042	50.241	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	107486	48.345	ug/l	96
82) 4-Chlorotoluene	12.75	91	768157	49.812	ug/l	100
83) tert-Butylbenzene	12.97	119	655465	49.955	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	858172	50.814	ug/l	99
85) sec-Butylbenzene	13.14	105	883028	53.139	ug/l	100
86) p-Isopropyltoluene	13.26	119	788283	52.739	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	424567	49.400	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	431310	48.562	ug/l	99
89) n-Butylbenzene	13.59	91	678964	52.832	ug/l	100
90) Hexachloroethane	13.85	117	152628	52.934	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	424797	51.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	64899	52.113	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	191368	46.731	ug/l	99
94) Hexachlorobutadiene	14.98	225	89443	53.140	ug/l	98
95) Naphthalene	15.10	128	595087	42.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	192278	48.434	ug/l	99

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

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