

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061554.D
 Acq On : 29 May 2020 1:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:36 PM

Quant Time: May 29 02:45:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	326655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	566921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	539258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	273455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	214236	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.55	113	150279	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.06	98	719707	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.38	95	260860	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	180979	48.032	ug/l	97
3) Chloromethane	2.03	50	207971	52.200	ug/l	99
4) Vinyl Chloride	2.16	62	288911	52.917	ug/l	99
5) Bromomethane	2.53	94	167378	53.427	ug/l	99
6) Chloroethane	2.67	64	182103	51.819	ug/l	99
7) Trichlorofluoromethane	2.98	101	366121	52.002	ug/l	99
8) Diethyl Ether	3.37	74	101885	47.326	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	152270	48.738	ug/l	98
10) Methyl Iodide	3.91	142	205311	47.339	ug/l	99
11) Tert butyl alcohol	4.73	59	123768	239.088	ug/l	100
12) 1,1-Dichloroethene	3.69	96	158923	47.612	ug/l	98
13) Acrolein	3.57	56	31698	205.980	ug/l	96
14) Allyl chloride	4.27	41	210484	48.235	ug/l	100
15) Acrylonitrile	4.93	53	353495	244.648	ug/l	100
16) Acetone	3.77	43	268015	249.871	ug/l	97
17) Carbon Disulfide	4.01	76	354675	48.297	ug/l	100
18) Methyl Acetate	4.28	43	167393	47.512	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	554804	48.771	ug/l	99
20) Methylene Chloride	4.50	84	185115	52.415	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	182859	48.578	ug/l	98
22) Diisopropyl ether	5.90	45	481221	50.035	ug/l	99
23) Vinyl Acetate	5.84	43	1854408	241.912	ug/l	100
24) 1,1-Dichloroethane	5.80	63	298934	49.015	ug/l	99
25) 2-Butanone	6.79	43	439546	238.304	ug/l	98
26) 2,2-Dichloropropane	6.78	77	226136	40.511	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	211553	49.632	ug/l	99
28) Bromochloromethane	7.15	49	129839	56.902	ug/l	97
29) Tetrahydrofuran	7.17	42	293718	241.489	ug/l	100
30) Chloroform	7.33	83	337053	49.954	ug/l	98
31) Cyclohexane	7.61	56	269691	49.169	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	308995	50.259	ug/l	100
36) 1,1-Dichloropropene	7.75	75	248826	49.579	ug/l	98
37) Ethyl Acetate	6.88	43	197240	48.795	ug/l	99
38) Carbon Tetrachloride	7.73	117	246240	50.866	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	307062	49.639	ug/l	98
40) Benzene	8.00	78	753655	48.670	ug/l	100
41) Methacrylonitrile	7.13	41	87127m	47.045	ug/l	
42) 1,2-Dichloroethane	8.09	62	252553	48.716	ug/l	99
43) Isopropyl Acetate	8.13	43	343786	47.272	ug/l	99
44) Trichloroethene	8.80	130	231109	48.563	ug/l	99
45) 1,2-Dichloropropane	9.09	63	179513	48.820	ug/l	98
46) Dibromomethane	9.18	93	135530	48.059	ug/l	97
47) Bromodichloromethane	9.37	83	280962	50.287	ug/l	99
48) Methyl methacrylate	9.17	41	149306	45.632	ug/l	98
49) 1,4-Dioxane	9.17	88	47419	935.494	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	984705	240.276	ug/l	100
52) Toluene	10.13	92	506328	50.097	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	287991	47.848	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	307933	47.582	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	194781	48.373	ug/l	98
56) Ethyl methacrylate	10.40	69	279300	49.655	ug/l	100
57) 1,3-Dichloropropane	10.68	76	318076	49.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	613483	255.219	ug/l	99
59) 2-Hexanone	10.72	43	706015	239.878	ug/l	100
60) Dibromochloromethane	10.88	129	227317	49.657	ug/l	99
61) 1,2-Dibromoethane	10.98	107	211810	50.436	ug/l	98
64) Tetrachloroethene	10.60	164	251028	49.453	ug/l	98
65) Chlorobenzene	11.41	112	547174	48.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	206904	49.573	ug/l	99
67) Ethyl Benzene	11.48	91	968888	50.010	ug/l	99
68) m/p-Xylenes	11.60	106	759906	98.923	ug/l	100
69) o-Xylene	11.92	106	365174	50.050	ug/l	99
70) Styrene	11.94	104	618626	51.199	ug/l	99
71) Bromoform	12.10	173	154711	48.105	ug/l #	97
73) Isopropylbenzene	12.22	105	972392	48.720	ug/l	99
74) N-amyl acetate	12.05	43	302624	48.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	252256	45.102	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	222924m	44.832	ug/l	
77) Bromobenzene	12.50	156	240153	47.139	ug/l	97
78) n-propylbenzene	12.57	91	1090499	48.942	ug/l	99
79) 2-Chlorotoluene	12.65	91	634941	47.790	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	816806	48.964	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	83127	42.751	ug/l	98
82) 4-Chlorotoluene	12.75	91	669476	47.898	ug/l	100
83) tert-Butylbenzene	12.97	119	697518	47.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	825774	49.829	ug/l	99
85) sec-Butylbenzene	13.15	105	927699	48.845	ug/l	99
86) p-Isopropyltoluene	13.26	119	867900	49.621	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	438271	48.581	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	438528	47.716	ug/l	99
89) n-Butylbenzene	13.59	91	728281	49.712	ug/l	99
90) Hexachloroethane	13.85	117	101108	52.271	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	418552	48.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	50379	44.166	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	244733	48.537	ug/l	99
94) Hexachlorobutadiene	14.98	225	97130	45.168	ug/l	99
95) Naphthalene	15.10	128	750546	48.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	238299	48.068	ug/l	99

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

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