

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061742.D
 Acq On : 11 Jun 2020 12:16
 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

Quant Time: Jun 12 05:17:37 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	7.62	168	365582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	554792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	524752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	273192	50.00	ug/l	0.00

System Monitoring Compounds

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33) 1,2-Dichloroethane-d4	7.98	65	183939	42.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.46%	
35) Dibromofluoromethane	7.54	113	144397	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	10.06	98	642946	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.37	95	231411	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.83	85	194995	46.284	ug/l	99
3) Chloromethane	2.03	50	185861	41.683	ug/l	99
4) Vinyl Chloride	2.16	62	259037	42.393	ug/l	99
5) Bromomethane	2.52	94	163603	46.661	ug/l	100
6) Chloroethane	2.66	64	174836	44.453	ug/l	97
7) Trichlorofluoromethane	2.98	101	369151	46.849	ug/l	100
8) Diethyl Ether	3.37	74	107651	44.680	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	174948	50.034	ug/l	95
10) Methyl Iodide	3.91	142	244751	50.424	ug/l	97
11) Tert butyl alcohol	4.73	59	129475	223.481	ug/l	99
12) 1,1-Dichloroethene	3.69	96	169879	45.476	ug/l	92
13) Acrolein	3.56	56	35452	205.821	ug/l	97
14) Allyl chloride	4.27	41	204429	41.859	ug/l	97
15) Acrylonitrile	4.93	53	352969	218.273	ug/l	99
16) Acetone	3.77	43	328188	273.989	ug/l	98
17) Carbon Disulfide	4.01	76	337606	41.078	ug/l	99
18) Methyl Acetate	4.27	43	173420	43.981	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	563798	44.284	ug/l	98
20) Methylene Chloride	4.50	84	195788	49.435	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	192438	45.679	ug/l	92
22) Diisopropyl ether	5.90	45	484196	44.983	ug/l	99
23) Vinyl Acetate	5.84	43	1764824	205.712	ug/l	97
24) 1,1-Dichloroethane	5.79	63	310548	45.497	ug/l	97
25) 2-Butanone	6.78	43	440638	213.458	ug/l	96
26) 2,2-Dichloropropane	6.77	77	296907	47.526	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	228745	47.951	ug/l	97
28) Bromochloromethane	7.14	49	122136	47.598	ug/l	95
29) Tetrahydrofuran	7.16	42	270486	198.708	ug/l	96
30) Chloroform	7.33	83	353466	46.809	ug/l	98
31) Cyclohexane	7.61	56	254257	41.419	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	318671	46.314	ug/l	99
36) 1,1-Dichloropropene	7.75	75	248784	50.655	ug/l	98
37) Ethyl Acetate	6.88	43	176177	44.537	ug/l	96
38) Carbon Tetrachloride	7.73	117	263091	55.535	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	294764	48.692	ug/l	96
40) Benzene	8.00	78	778268	51.358	ug/l	100
41) Methacrylonitrile	7.12	41	75958	41.911	ug/l	98
42) 1,2-Dichloroethane	8.08	62	247191	48.724	ug/l	100
43) Isopropyl Acetate	8.12	43	316833	44.519	ug/l	92
44) Trichloroethene	8.80	130	243398	52.264	ug/l	97
45) 1,2-Dichloropropane	9.08	63	188202	52.302	ug/l	98
46) Dibromomethane	9.17	93	139214	50.445	ug/l	95
47) Bromodichloromethane	9.37	83	285541	52.224	ug/l	98
48) Methyl methacrylate	9.17	41	138728	43.326	ug/l	95
49) 1,4-Dioxane	9.16	88	58486	1179.051	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	923936	230.377	ug/l	97
52) Toluene	10.12	92	525171	53.098	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	305566	51.878	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	331949	52.414	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	205875	52.246	ug/l	97
56) Ethyl methacrylate	10.40	69	280033	50.874	ug/l	96
57) 1,3-Dichloropropane	10.68	76	327485	51.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	592538	251.895	ug/l	99
59) 2-Hexanone	10.72	43	679191	235.809	ug/l	97
60) Dibromochloromethane	10.87	129	241145	53.829	ug/l	100
61) 1,2-Dibromoethane	10.98	107	216379	52.650	ug/l	99
64) Tetrachloroethene	10.60	164	268434	54.344	ug/l	97
65) Chlorobenzene	11.40	112	582966	53.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	224261	55.217	ug/l	98
67) Ethyl Benzene	11.48	91	1009667	53.555	ug/l	100
68) m/p-Xylenes	11.59	106	801245	107.187	ug/l	98
69) o-Xylene	11.92	106	378098	53.254	ug/l	99
70) Styrene	11.94	104	651690	55.426	ug/l	99
71) Bromoform	12.10	173	173770	55.524	ug/l #	100
73) Isopropylbenzene	12.22	105	1014494	50.879	ug/l	100
74) N-amyl acetate	12.04	43	281561	44.839	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	258800	46.316	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	236742m	47.656	ug/l	
77) Bromobenzene	12.50	156	268686	52.790	ug/l	96
78) n-propylbenzene	12.56	91	1145270	51.450	ug/l	100
79) 2-Chlorotoluene	12.65	91	657764	49.556	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	847891	50.876	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	89868	46.262	ug/l	100
82) 4-Chlorotoluene	12.75	91	701919	50.268	ug/l	100
83) tert-Butylbenzene	12.97	119	732100	49.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	853891	51.575	ug/l	99
85) sec-Butylbenzene	13.15	105	958055	50.492	ug/l	99
86) p-Isopropyltoluene	13.26	119	905712	51.833	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	482092	53.489	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	485982	52.930	ug/l	98
89) n-Butylbenzene	13.59	91	745118	50.910	ug/l	99
90) Hexachloroethane	13.85	117	126653	65.540	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	456221	52.968	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	46166	40.512	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	276304	54.851	ug/l	99
94) Hexachlorobutadiene	14.99	225	120079	55.893	ug/l	99
95) Naphthalene	15.10	128	750799	48.968	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	266371	53.783	ug/l	99

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

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