

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062698.D
 Acq On : 31 Jul 2020 20:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 9:32:13 AM

Quant Time: Aug 01 07:23:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	246727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124778	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	7.55	113	83877	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.06	98	320262	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.38	95	125370	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	83673	44.004	ug/l	98
3) Chloromethane	2.03	50	93755	36.353	ug/l	98
4) Vinyl Chloride	2.16	62	86732	38.793	ug/l	99
5) Bromomethane	2.50	94	49504	49.991	ug/l	96
6) Chloroethane	2.65	64	51312	50.737	ug/l	95
7) Trichlorofluoromethane	2.97	101	141637	53.957	ug/l	97
8) Diethyl Ether	3.37	74	54727	44.583	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.71	101	80136	47.614	ug/l	99
10) Methyl Iodide	3.91	142	104990	48.794	ug/l	95
11) Tert butyl alcohol	4.74	59	91312	231.787	ug/l	99
12) 1,1-Dichloroethene	3.69	96	77166	45.208	ug/l	98
13) Acrolein	3.56	56	70088	173.279	ug/l	99
14) Allyl chloride	4.27	41	151009	40.899	ug/l	94
15) Acrylonitrile	4.93	53	248528	235.532	ug/l	100
16) Acetone	3.77	43	212775	228.326	ug/l	99
17) Carbon Disulfide	4.00	76	224391	40.010	ug/l	100
18) Methyl Acetate	4.28	43	122224	51.809	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	307169	48.893	ug/l	100
20) Methylene Chloride	4.50	84	96045	42.972	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	84509	44.609	ug/l	99
22) Diisopropyl ether	5.90	45	320706	43.698	ug/l	95
23) Vinyl Acetate	5.84	43	1348213	224.196	ug/l	98
24) 1,1-Dichloroethane	5.79	63	179237	45.352	ug/l	99
25) 2-Butanone	6.79	43	326567	230.100	ug/l	96
26) 2,2-Dichloropropane	6.77	77	137428	42.360	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	98700	45.657	ug/l	98
28) Bromochloromethane	7.15	49	80496	41.387	ug/l	91
29) Tetrahydrofuran	7.17	42	219570	228.638	ug/l	95
30) Chloroform	7.33	83	182639	48.604	ug/l	97
31) Cyclohexane	7.61	56	149660	41.015	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	163425	52.092	ug/l	99
36) 1,1-Dichloropropene	7.75	75	132107	48.234	ug/l	100
37) Ethyl Acetate	6.88	43	139419	47.223	ug/l	98
38) Carbon Tetrachloride	7.73	117	146795	55.759	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141101	47.858	ug/l	98
40) Benzene	8.00	78	386689	46.635	ug/l	99
41) Methacrylonitrile	7.13	41	61665m	48.734	ug/l	
42) 1,2-Dichloroethane	8.09	62	158024	52.128	ug/l	99
43) Isopropyl Acetate	8.13	43	232553	48.861	ug/l #	90
44) Trichloroethene	8.80	130	90347	48.316	ug/l	99
45) 1,2-Dichloropropane	9.08	63	106293	45.656	ug/l	99
46) Dibromomethane	9.17	93	66434	49.372	ug/l	99
47) Bromodichloromethane	9.37	83	150744	51.710	ug/l	98
48) Methyl methacrylate	9.17	41	112697	49.811	ug/l	97
49) 1,4-Dioxane	9.17	88	35420	1019.308	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	714831	251.015	ug/l	98
52) Toluene	10.12	92	235921	48.999	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	163831	50.484	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	167881	48.211	ug/l	97
55) 1,1,2-Trichloroethane	10.54	97	94154	50.414	ug/l	98
56) Ethyl methacrylate	10.40	69	157330	47.024	ug/l	97
57) 1,3-Dichloropropane	10.68	76	170186	49.740	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	257265	254.252	ug/l	97
59) 2-Hexanone	10.72	43	536365	243.616	ug/l	100
60) Dibromochloromethane	10.87	129	111312	53.426	ug/l	97
61) 1,2-Dibromoethane	10.98	107	96815	49.783	ug/l	99
64) Tetrachloroethene	10.60	164	76127	47.489	ug/l	97
65) Chlorobenzene	11.41	112	248108	47.967	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	98893	50.822	ug/l	98
67) Ethyl Benzene	11.48	91	464711	49.000	ug/l	100
68) m/p-Xylenes	11.60	106	338814	99.396	ug/l	96
69) o-Xylene	11.92	106	164523	50.827	ug/l	99
70) Styrene	11.94	104	285815	52.271	ug/l	98
71) Bromoform	12.10	173	77594	53.110	ug/l #	97
73) Isopropylbenzene	12.22	105	455832	47.353	ug/l	99
74) N-amyl acetate	12.05	43	206251	47.977	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	144157	43.095	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	147460m	47.587	ug/l	
77) Bromobenzene	12.50	156	104832	45.316	ug/l	97
78) n-propylbenzene	12.57	91	528841	46.901	ug/l	99
79) 2-Chlorotoluene	12.65	91	322106	46.353	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	399857	50.077	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	51188	45.985	ug/l	95
82) 4-Chlorotoluene	12.75	91	338130	46.748	ug/l	100
83) tert-Butylbenzene	12.97	119	332540	50.154	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	398471	50.870	ug/l	98
85) sec-Butylbenzene	13.15	105	441604	49.749	ug/l	100
86) p-Isopropyltoluene	13.26	119	396911	51.988	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	190501	46.926	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	189369	47.386	ug/l	99
89) n-Butylbenzene	13.59	91	321619	49.028	ug/l	99
90) Hexachloroethane	13.85	117	77294	47.558	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	187469	48.295	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	32869	54.120	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	89307	44.144	ug/l	98
94) Hexachlorobutadiene	14.99	225	60000	57.199	ug/l	99
95) Naphthalene	15.10	128	235793	44.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	92566	50.601	ug/l	98

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

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