

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064075.D
 Acq On : 10 Oct 2020 7:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:10:25 PM

Quant Time: Oct 10 08:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	243640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	388409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196034	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.55	113	137165	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.06	98	510599	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.38	95	192525	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	110106	42.829	ug/l	99
3) Chloromethane	2.04	50	141263	46.830	ug/l	99
4) Vinyl Chloride	2.16	62	139022	45.913	ug/l	99
5) Bromomethane	2.52	94	79925	41.965	ug/l	98
6) Chloroethane	2.67	64	91628	50.642	ug/l	97
7) Trichlorofluoromethane	2.98	101	232173	48.347	ug/l	99
8) Diethyl Ether	3.37	74	85702	52.769	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124008	48.313	ug/l	99
10) Methyl Iodide	3.91	142	153425	51.480	ug/l	99
11) Tert butyl alcohol	4.73	59	150249	338.106	ug/l	99
12) 1,1-Dichloroethene	3.69	96	118146	48.156	ug/l	94
13) Acrolein	3.57	56	72775	266.831	ug/l	99
14) Allyl chloride	4.28	41	244888	53.728	ug/l	90
15) Acrylonitrile	4.93	53	411052	323.148	ug/l	98
16) Acetone	3.77	43	382212	308.470	ug/l	98
17) Carbon Disulfide	4.01	76	311246	46.980	ug/l	98
18) Methyl Acetate	4.28	43	215899	67.110	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	476089	53.412	ug/l	99
20) Methylene Chloride	4.50	84	150104	52.884	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	132955	48.382	ug/l	97
22) Diisopropyl ether	5.90	45	550022	58.652	ug/l	95
23) Vinyl Acetate	5.84	43	2251599	289.851	ug/l	98
24) 1,1-Dichloroethane	5.80	63	281300	52.462	ug/l	98
25) 2-Butanone	6.78	43	582986	331.869	ug/l	97
26) 2,2-Dichloropropane	6.77	77	164053	33.410	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	157063	49.695	ug/l	97
28) Bromochloromethane	7.15	49	146851	55.413	ug/l	95
29) Tetrahydrofuran	7.16	42	398204	337.979	ug/l	96
30) Chloroform	7.33	83	286167	51.186	ug/l	97
31) Cyclohexane	7.61	56	219366	46.944	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	253421	50.255	ug/l	99
36) 1,1-Dichloropropene	7.75	75	200315	48.027	ug/l	98
37) Ethyl Acetate	6.88	43	245131	59.156	ug/l	99
38) Carbon Tetrachloride	7.73	117	217316	46.465	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	184498	44.358	ug/l	98
40) Benzene	8.00	78	608223	51.055	ug/l	98
41) Methacrylonitrile	7.13	41	97971m	53.197	ug/l	
42) 1,2-Dichloroethane	8.09	62	244464	48.073	ug/l	99
43) Isopropyl Acetate	8.13	43	397833	58.205	ug/l	100
44) Trichloroethene	8.80	130	147331	47.201	ug/l	98
45) 1,2-Dichloropropane	9.08	63	172549	53.631	ug/l	98
46) Dibromomethane	9.17	93	111265	50.131	ug/l	98
47) Bromodichloromethane	9.37	83	231571	50.625	ug/l	95
48) Methyl methacrylate	9.17	41	201053	59.537	ug/l	91
49) 1,4-Dioxane	9.17	88	57790	1204.113	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1295373	322.946	ug/l	100
52) Toluene	10.13	92	377544	51.236	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	239355	48.815	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	251060	48.959	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	157439	53.278	ug/l	99
56) Ethyl methacrylate	10.40	69	238178	56.862	ug/l	93
57) 1,3-Dichloropropane	10.68	76	268018	53.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	641337	286.237	ug/l	98
59) 2-Hexanone	10.72	43	944568	317.000	ug/l	99
60) Dibromochloromethane	10.87	129	174577	50.728	ug/l	100
61) 1,2-Dibromoethane	10.98	107	160815	53.200	ug/l	99
64) Tetrachloroethene	10.60	164	133205	44.328	ug/l	98
65) Chlorobenzene	11.41	112	391585	49.148	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	155732	50.984	ug/l	98
67) Ethyl Benzene	11.49	91	724698	49.986	ug/l	99
68) m/p-Xylenes	11.59	106	536458	99.283	ug/l	98
69) o-Xylene	11.92	106	257373	50.962	ug/l	100
70) Styrene	11.94	104	456285	53.225	ug/l	97
71) Bromoform	12.10	173	122990	52.647	ug/l #	98
73) Isopropylbenzene	12.23	105	682785	50.336	ug/l	100
74) N-amyl acetate	12.04	43	348000	54.968	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	230785	55.639	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	214211m	52.253	ug/l	
77) Bromobenzene	12.50	156	170711	51.289	ug/l	98
78) n-propylbenzene	12.57	91	788450	49.945	ug/l	100
79) 2-Chlorotoluene	12.65	91	494471	50.929	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	584836	51.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	71655	50.342	ug/l	98
82) 4-Chlorotoluene	12.75	91	509363	50.537	ug/l	99
83) tert-Butylbenzene	12.97	119	461676	49.597	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	581999	51.224	ug/l	98
85) sec-Butylbenzene	13.15	105	607498	49.688	ug/l	100
86) p-Isopropyltoluene	13.26	119	539715	49.900	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	296558	49.250	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	295719	47.166	ug/l	99
89) n-Butylbenzene	13.59	91	448949	44.972	ug/l	100
90) Hexachloroethane	13.85	117	104658	49.935	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	299069	50.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53077	54.563	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	136936	42.494	ug/l	97
94) Hexachlorobutadiene	14.98	225	77583	47.979	ug/l	99
95) Naphthalene	15.10	128	417709	41.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	134169	42.885	ug/l	98

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

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