

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061266.D
 Acq On : 2 May 2020 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:58:15 PM

Quant Time: May 04 07:32:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	101343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	170423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	79906	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	7.55	113	44568	42.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.98%	
50) Toluene-d8	10.06	98	212151	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.37	95	79188	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52325	48.690	ug/l	98
3) Chloromethane	2.03	50	75381	57.916	ug/l	98
4) Vinyl Chloride	2.15	62	88316	59.741	ug/l	99
5) Bromomethane	2.52	94	32629	44.652	ug/l	99
6) Chloroethane	2.66	64	49422	52.745	ug/l	99
7) Trichlorofluoromethane	2.98	101	95251	57.110	ug/l	99
8) Diethyl Ether	3.37	74	39730	57.110	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	54107	50.356	ug/l	100
10) Methyl Iodide	3.91	142	57238	41.451	ug/l	99
11) Tert butyl alcohol	4.73	59	69867	325.252	ug/l	100
12) 1,1-Dichloroethene	3.69	96	53563	50.094	ug/l	99
13) Acrolein	3.56	56	34766	242.865	ug/l	97
14) Allyl chloride	4.27	41	114447	57.726	ug/l	97
15) Acrylonitrile	4.93	53	201028	304.862	ug/l	100
16) Acetone	3.77	43	177489	287.011	ug/l	98
17) Carbon Disulfide	4.01	76	121937	41.284	ug/l	99
18) Methyl Acetate	4.27	43	105744	52.210	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	212935	52.117	ug/l	100
20) Methylene Chloride	4.49	84	65223	52.162	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	60251	51.748	ug/l	99
22) Diisopropyl ether	5.90	45	253577	55.156	ug/l	98
23) Vinyl Acetate	5.84	43	1031165	278.560	ug/l	99
24) 1,1-Dichloroethane	5.79	63	125879	52.404	ug/l	99
25) 2-Butanone	6.78	43	286122	301.538	ug/l	99
26) 2,2-Dichloropropane	6.77	77	71602	35.390	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	87190	63.813	ug/l	95
28) Bromochloromethane	7.15	49	56397	49.535	ug/l	97
29) Tetrahydrofuran	7.16	42	194637	304.508	ug/l	98
30) Chloroform	7.33	83	123110	50.574	ug/l	99
31) Cyclohexane	7.61	56	107084	45.904	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	104144	49.131	ug/l	99
36) 1,1-Dichloropropene	7.75	75	89124	50.787	ug/l	99
37) Ethyl Acetate	6.88	43	119429	58.051	ug/l	100
38) Carbon Tetrachloride	7.73	117	80155	50.059	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94097	47.813	ug/l	97
40) Benzene	8.00	78	269636	51.573	ug/l	100
41) Methacrylonitrile	7.12	41	48354m	56.608	ug/l	
42) 1,2-Dichloroethane	8.08	62	105671	53.352	ug/l	99
43) Isopropyl Acetate	8.12	43	189230	55.422	ug/l	99
44) Trichloroethene	8.80	130	66920	47.349	ug/l	97
45) 1,2-Dichloropropane	9.08	63	73569	52.671	ug/l	100
46) Dibromomethane	9.17	93	45864	53.032	ug/l	98
47) Bromodichloromethane	9.37	83	99087	53.379	ug/l	97
48) Methyl methacrylate	9.17	41	88392	57.371	ug/l	99
49) 1,4-Dioxane	9.16	88	24599	1406.538	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	606147	301.607	ug/l	100
52) Toluene	10.12	92	163799	52.014	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	103165	49.323	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	108960	49.275	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	65560	52.194	ug/l	98
56) Ethyl methacrylate	10.40	69	109144	49.871	ug/l	98
57) 1,3-Dichloropropane	10.68	76	118919	53.861	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	279594	274.992	ug/l	99
59) 2-Hexanone	10.72	43	452374	309.398	ug/l	99
60) Dibromochloromethane	10.87	129	70126	53.305	ug/l	99
61) 1,2-Dibromoethane	10.98	107	67983	53.999	ug/l	100
64) Tetrachloroethene	10.60	164	66936	45.348	ug/l	98
65) Chlorobenzene	11.41	112	165455	48.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	61281	50.647	ug/l	99
67) Ethyl Benzene	11.48	91	316715	50.046	ug/l	99
68) m/p-Xylenes	11.60	106	231487	99.933	ug/l	97
69) o-Xylene	11.92	106	108675	48.841	ug/l	96
70) Styrene	11.94	104	192108	51.585	ug/l	99
71) Bromoform	12.10	173	48579	54.629	ug/l #	99
73) Isopropylbenzene	12.22	105	300849	48.805	ug/l	100
74) N-amyl acetate	12.04	43	166613	53.376	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	100969	52.530	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	90257m	51.055	ug/l	
77) Bromobenzene	12.50	156	69351	48.736	ug/l	97
78) n-propylbenzene	12.56	91	363211	49.676	ug/l	100
79) 2-Chlorotoluene	12.65	91	210180	48.907	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	256544	50.283	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32726	47.011	ug/l	98
82) 4-Chlorotoluene	12.75	91	226621	50.032	ug/l	98
83) tert-Butylbenzene	12.97	119	211126	49.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	257682	49.022	ug/l	100
85) sec-Butylbenzene	13.15	105	291163	49.642	ug/l	99
86) p-Isopropyltoluene	13.26	119	261321	49.450	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	126663	48.351	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	128807	48.123	ug/l	100
89) n-Butylbenzene	13.59	91	242031	49.959	ug/l	98
90) Hexachloroethane	13.85	117	30897	55.130	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	123688	49.243	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22346	55.046	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	71776	46.926	ug/l	99
94) Hexachlorobutadiene	14.99	225	31179	48.793	ug/l	98
95) Naphthalene	15.10	128	242193	48.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	70618	46.762	ug/l	99

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

