

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072920\
 Data File : VN062656.D
 Acq On : 29 Jul 2020 16:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:21:08 PM

Quant Time: Jul 30 04:15:14 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	7.62	168	161866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	282314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124909	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.55	113	84182	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
50) Toluene-d8	10.06	98	370120	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.37	95	143987	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98706	51.123	ug/l	100
3) Chloromethane	2.03	50	110565	42.221	ug/l	95
4) Vinyl Chloride	2.16	62	103122	45.425	ug/l	98
5) Bromomethane	2.51	94	50834	50.556	ug/l	98
6) Chloroethane	2.66	64	52863	51.479	ug/l	96
7) Trichlorofluoromethane	2.98	101	150193	56.349	ug/l	98
8) Diethyl Ether	3.37	74	53849	43.203	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	83126	48.642	ug/l	99
10) Methyl Iodide	3.91	142	102951	47.122	ug/l	94
11) Tert butyl alcohol	4.74	59	76908	192.266	ug/l	99
12) 1,1-Dichloroethene	3.69	96	77059	44.461	ug/l	96
13) Acrolein	3.56	56	69553	169.542	ug/l	98
14) Allyl chloride	4.27	41	147884	39.446	ug/l	91
15) Acrylonitrile	4.92	53	223289	208.406	ug/l	99
16) Acetone	3.77	43	226259	239.117	ug/l	99
17) Carbon Disulfide	4.00	76	222395	39.054	ug/l	100
18) Methyl Acetate	4.27	43	102390	42.744	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	293685	46.039	ug/l	98
20) Methylene Chloride	4.50	84	93373	41.144	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	85111	44.245	ug/l	95
22) Diisopropyl ether	5.90	45	303323	40.703	ug/l	97
23) Vinyl Acetate	5.84	43	1285815	210.579	ug/l	98
24) 1,1-Dichloroethane	5.80	63	175659	43.774	ug/l	99
25) 2-Butanone	6.78	43	312393	216.777	ug/l	96
26) 2,2-Dichloropropane	6.77	77	162148	49.222	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	96549	43.986	ug/l	99
28) Bromochloromethane	7.15	49	86210	43.653	ug/l	92
29) Tetrahydrofuran	7.16	42	193580	198.520	ug/l	94
30) Chloroform	7.33	83	175922	46.107	ug/l	99
31) Cyclohexane	7.61	56	150197	40.538	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	160460	50.371	ug/l	99
36) 1,1-Dichloropropene	7.75	75	132841	44.145	ug/l	99
37) Ethyl Acetate	6.88	43	125766	38.772	ug/l	99
38) Carbon Tetrachloride	7.73	117	143929	49.760	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	171045	52.804	ug/l	97
40) Benzene	8.00	78	376640	41.343	ug/l	100
41) Methacrylonitrile	7.12	41	56709	40.792	ug/l	94
42) 1,2-Dichloroethane	8.09	62	157449	47.274	ug/l	98
43) Isopropyl Acetate	8.12	43	219701	42.015	ug/l	99
44) Trichloroethene	8.80	130	99397	48.381	ug/l	93
45) 1,2-Dichloropropane	9.08	63	118992	46.520	ug/l	98
46) Dibromomethane	9.17	93	72204	48.840	ug/l	98
47) Bromodichloromethane	9.37	83	160767	50.195	ug/l	98
48) Methyl methacrylate	9.17	41	119938	48.250	ug/l	97
49) 1,4-Dioxane	9.17	88	34672	908.163	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	760207	242.972	ug/l	99
52) Toluene	10.12	92	262444	49.612	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	184767	51.821	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	193927	50.689	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	102344	49.877	ug/l	98
56) Ethyl methacrylate	10.40	69	171528	46.676	ug/l	98
57) 1,3-Dichloropropane	10.68	76	186306	49.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	298128	267.259	ug/l	98
59) 2-Hexanone	10.72	43	566384	234.260	ug/l	100
60) Dibromochloromethane	10.87	129	118602	51.812	ug/l	99
61) 1,2-Dibromoethane	10.98	107	104939	49.114	ug/l	98
64) Tetrachloroethene	10.60	164	85111	48.576	ug/l	99
65) Chlorobenzene	11.40	112	272278	48.162	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	105797	49.745	ug/l	98
67) Ethyl Benzene	11.48	91	515213	49.704	ug/l	100
68) m/p-Xylenes	11.59	106	379841	101.952	ug/l	99
69) o-Xylene	11.92	106	180773	51.096	ug/l	100
70) Styrene	11.94	104	315253	52.750	ug/l	99
71) Bromoform	12.10	173	81280	50.900	ug/l #	99
73) Isopropylbenzene	12.22	105	503132	48.223	ug/l	98
74) N-amyl acetate	12.04	43	225961	48.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	155225	42.813	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	150777m	44.893	ug/l	
77) Bromobenzene	12.50	156	115665	46.131	ug/l	95
78) n-propylbenzene	12.56	91	597629	48.900	ug/l	100
79) 2-Chlorotoluene	12.65	91	353070	46.877	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	444318	51.340	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	56853	47.122	ug/l	96
82) 4-Chlorotoluene	12.75	91	374237	47.737	ug/l	99
83) tert-Butylbenzene	12.97	119	361975	50.370	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	433833	51.099	ug/l	98
85) sec-Butylbenzene	13.15	105	493385	51.282	ug/l	100
86) p-Isopropyltoluene	13.26	119	446048	53.904	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	211588	48.088	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	207775	47.969	ug/l	98
89) n-Butylbenzene	13.59	91	383210	53.897	ug/l	100
90) Hexachloroethane	13.85	117	83138	47.196	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	202851	48.215	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31854	48.391	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	100748	45.820	ug/l	99
94) Hexachlorobutadiene	14.98	225	65332	57.465	ug/l	97
95) Naphthalene	15.10	128	246921	42.675	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	100141	50.507	ug/l	100

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

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