

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061181.D
 Acq On : 29 Apr 2020 10:02
 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

MMDadoda
 4/30/2020 2:11:12 PM

Quant Time: Apr 29 15:20:19 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	114229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	189712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	181043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	90726	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	7.54	113	57337	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.06	98	244328	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.37	95	94277	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	64889	53.569	ug/l	100
3) Chloromethane	2.03	50	73566	50.146	ug/l	100
4) Vinyl Chloride	2.16	62	86436	51.874	ug/l	100
5) Bromomethane	2.53	94	40791	49.524	ug/l	99
6) Chloroethane	2.67	64	54449	51.555	ug/l	97
7) Trichlorofluoromethane	2.98	101	97218	51.714	ug/l	100
8) Diethyl Ether	3.37	74	41563	53.005	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	64647	53.379	ug/l	99
10) Methyl Iodide	3.90	142	78397	50.369	ug/l	100
11) Tert butyl alcohol	4.72	59	59624	246.256	ug/l	99
12) 1,1-Dichloroethene	3.69	96	61862	51.329	ug/l	98
13) Acrolein	3.56	56	39905	247.317	ug/l	97
14) Allyl chloride	4.27	41	126347	56.539	ug/l	97
15) Acrylonitrile	4.92	53	186442	250.846	ug/l	98
16) Acetone	3.77	43	157983	225.461	ug/l	100
17) Carbon Disulfide	4.01	76	169479	50.907	ug/l	98
18) Methyl Acetate	4.27	43	104386	45.809	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	235286	51.091	ug/l	100
20) Methylene Chloride	4.50	84	71838	50.971	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	69299	52.805	ug/l	97
22) Diisopropyl ether	5.90	45	271224	52.339	ug/l	99
23) Vinyl Acetate	5.83	43	1113873	266.958	ug/l	99
24) 1,1-Dichloroethane	5.79	63	139289	51.445	ug/l	99
25) 2-Butanone	6.78	43	266848	249.501	ug/l	99
26) 2,2-Dichloropropane	6.77	77	128981	56.558	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	80567	52.314	ug/l	99
28) Bromochloromethane	7.15	49	66663	51.947	ug/l	99
29) Tetrahydrofuran	7.16	42	186030	258.211	ug/l	99
30) Chloroform	7.32	83	140839	51.330	ug/l	99
31) Cyclohexane	7.61	56	132161	50.263	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	124944	52.294	ug/l	100
36) 1,1-Dichloropropene	7.75	75	107207	56.451	ug/l	99
37) Ethyl Acetate	6.87	43	119657	53.745	ug/l	100
38) Carbon Tetrachloride	7.73	117	96223	55.280	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	123071	57.786	ug/l	98
40) Benzene	8.00	78	311423	55.042	ug/l	99
41) Methacrylonitrile	7.13	41	54107m	58.533	ug/l	
42) 1,2-Dichloroethane	8.08	62	121540	56.704	ug/l	99
43) Isopropyl Acetate	8.12	43	201918	54.647	ug/l	100
44) Trichloroethene	8.80	130	80292	52.496	ug/l	100
45) 1,2-Dichloropropane	9.08	63	81728	54.069	ug/l	98
46) Dibromomethane	9.17	93	53650	57.324	ug/l	98
47) Bromodichloromethane	9.37	83	114346	56.921	ug/l	100
48) Methyl methacrylate	9.16	41	92748	55.626	ug/l	97
49) 1,4-Dioxane	9.16	88	20048	1059.259	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	602792	277.159	ug/l	100
52) Toluene	10.12	92	194104	56.957	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	130955	57.854	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	135505	56.625	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74043	54.470	ug/l	99
56) Ethyl methacrylate	10.40	69	121128	51.074	ug/l	99
57) 1,3-Dichloropropane	10.68	76	133912	56.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	302754	275.156	ug/l	100
59) 2-Hexanone	10.72	43	452215	285.799	ug/l	100
60) Dibromochloromethane	10.87	129	81455	57.214	ug/l	99
61) 1,2-Dibromoethane	10.98	107	76835	56.395	ug/l	99
64) Tetrachloroethene	10.60	164	83951	53.539	ug/l	99
65) Chlorobenzene	11.41	112	196329	54.668	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	72925	56.735	ug/l	100
67) Ethyl Benzene	11.48	91	381350	56.724	ug/l	100
68) m/p-Xylenes	11.59	106	281981	114.591	ug/l	100
69) o-Xylene	11.92	106	131936	55.817	ug/l	97
70) Styrene	11.94	104	227850	57.594	ug/l	99
71) Bromoform	12.10	173	55011	58.233	ug/l #	98
73) Isopropylbenzene	12.22	105	364808	54.719	ug/l	99
74) N-amyl acetate	12.04	43	184429	54.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	108713	52.295	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	107619m	56.288	ug/l	
77) Bromobenzene	12.50	156	83427	54.208	ug/l	99
78) n-propylbenzene	12.56	91	443806	56.123	ug/l	99
79) 2-Chlorotoluene	12.65	91	255823	55.040	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	313396	56.796	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	41439	55.040	ug/l	96
82) 4-Chlorotoluene	12.75	91	275185	56.174	ug/l	99
83) tert-Butylbenzene	12.97	119	259264	55.723	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	315321	55.466	ug/l	100
85) sec-Butylbenzene	13.15	105	360826	56.882	ug/l	99
86) p-Isopropyltoluene	13.26	119	329221	57.603	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	156552	55.256	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	157950	54.563	ug/l	99
89) n-Butylbenzene	13.59	91	309179	59.009	ug/l	99
90) Hexachloroethane	13.85	117	35083	57.500	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	148216	54.560	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23682	53.939	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	93443	56.486	ug/l	99
94) Hexachlorobutadiene	14.98	225	40748	58.961	ug/l	98
95) Naphthalene	15.10	128	289767	53.786	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	88334	54.085	ug/l	100

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

