

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011420\
 Data File : VN059695.D
 Acq On : 14 Jan 2020 9:27
 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
 1/15/2020 10:55:05 AM

Quant Time: Jan 14 22:21:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	194695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	298180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	98949	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
35) Dibromofluoromethane	7.56	113	84507	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
50) Toluene-d8	10.08	98	320478	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
62) 4-Bromofluorobenzene	12.40	95	114594	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	127745	55.711	ug/l	97
3) Chloromethane	2.03	50	121084	54.322	ug/l	99
4) Vinyl Chloride	2.17	62	145141	56.910	ug/l	97
5) Bromomethane	2.54	94	88276	56.717	ug/l	98
6) Chloroethane	2.68	64	66956	55.492	ug/l	100
7) Trichlorofluoromethane	3.00	101	169628	55.383	ug/l	99
8) Diethyl Ether	3.38	74	60462	56.250	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.73	101	97905	57.433	ug/l	92
10) Methyl Iodide	3.93	142	145790	52.910	ug/l	95
11) Tert butyl alcohol	4.73	59	92534	254.225	ug/l	100
12) 1,1-Dichloroethene	3.71	96	96578	54.219	ug/l	89
13) Acrolein	3.58	56	63334	245.808	ug/l	96
14) Allyl chloride	4.29	41	145634	60.658	ug/l #	93
15) Acrylonitrile	4.94	53	219411	264.262	ug/l	99
16) Acetone	3.78	43	195203	265.316	ug/l	95
17) Carbon Disulfide	4.03	76	278839	54.952	ug/l	100
18) Methyl Acetate	4.29	43	127884	50.637	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	315537	54.331	ug/l	95
20) Methylene Chloride	4.52	84	103567	53.022	ug/l	90
21) trans-1,2-Dichloroethene	5.01	96	104524	55.203	ug/l	90
22) Diisopropyl ether	5.91	45	297827	54.738	ug/l #	96
23) Vinyl Acetate	5.86	43	1160932	275.585	ug/l	95
24) 1,1-Dichloroethane	5.81	63	182188	54.801	ug/l	98
25) 2-Butanone	6.80	43	319451	260.903	ug/l	94
26) 2,2-Dichloropropane	6.79	77	174299	54.534	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	119483	54.864	ug/l	88
28) Bromochloromethane	7.17	49	67780	51.010	ug/l #	76
29) Tetrahydrofuran	7.18	42	190077	250.906	ug/l	88
30) Chloroform	7.35	83	191702	55.652	ug/l	98
31) Cyclohexane	7.63	56	166243	51.967	ug/l	90
32) 1,1,1-Trichloroethane	7.54	97	176487	55.413	ug/l	96
36) 1,1-Dichloropropene	7.77	75	145096	55.878	ug/l	96
37) Ethyl Acetate	6.89	43	122872	50.452	ug/l	95
38) Carbon Tetrachloride	7.75	117	159596	56.502	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	181086	56.558	ug/l	92
40) Benzene	8.02	78	423568	54.695	ug/l	100
41) Methacrylonitrile	7.15	41	55205m	46.020	ug/l	
42) 1,2-Dichloroethane	8.10	62	144479	55.025	ug/l	97
43) Isopropyl Acetate	8.14	43	217684	51.965	ug/l #	94
44) Trichloroethene	8.81	130	120906	57.191	ug/l	93
45) 1,2-Dichloropropane	9.10	63	107092	55.885	ug/l	100
46) Dibromomethane	9.19	93	75071	55.535	ug/l	91
47) Bromodichloromethane	9.39	83	154088	56.566	ug/l	99
48) Methyl methacrylate	9.18	41	98842	52.751	ug/l	92
49) 1,4-Dioxane	9.18	88	36683	1069.422	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	619616	255.874	ug/l	95
52) Toluene	10.14	92	273027	55.816	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	172708	56.781	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	183242	57.257	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	105802	54.612	ug/l	98
56) Ethyl methacrylate	10.42	69	161611	54.593	ug/l	91
57) 1,3-Dichloropropane	10.70	76	171731	55.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	214478	240.542	ug/l	92
59) 2-Hexanone	10.74	43	498853	279.630	ug/l	94
60) Dibromochloromethane	10.89	129	125267	56.780	ug/l	99
61) 1,2-Dibromoethane	10.99	107	112234	55.272	ug/l	99
64) Tetrachloroethene	10.62	164	110229	50.430	ug/l	96
65) Chlorobenzene	11.43	112	292189	55.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	114956	56.438	ug/l	99
67) Ethyl Benzene	11.50	91	528146	55.192	ug/l	97
68) m/p-Xylenes	11.62	106	406388	112.426	ug/l	94
69) o-Xylene	11.94	106	196333	55.480	ug/l	94
70) Styrene	11.96	104	336659	56.852	ug/l	96
71) Bromoform	12.12	173	93080	57.050	ug/l #	99
73) Isopropylbenzene	12.25	105	526972	53.271	ug/l	99
74) N-amyl acetate	12.06	43	197280	51.395	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	147734	51.515	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	130351m	57.424	ug/l	
77) Bromobenzene	12.52	156	134603	53.731	ug/l	80
78) n-propylbenzene	12.59	91	605405	54.526	ug/l	97
79) 2-Chlorotoluene	12.67	91	348604	52.777	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	450183	54.112	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	56545	53.495	ug/l	93
82) 4-Chlorotoluene	12.77	91	362099	54.655	ug/l	95
83) tert-Butylbenzene	12.99	119	386059	53.654	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	453902	55.148	ug/l	99
85) sec-Butylbenzene	13.17	105	517787	54.772	ug/l	99
86) p-Isopropyltoluene	13.28	119	475354	54.343	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	241383	55.471	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	241443	55.618	ug/l	98
89) n-Butylbenzene	13.61	91	428116	57.401	ug/l	98
90) Hexachloroethane	13.87	117	89580	54.735	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	235030	54.633	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32410	52.769	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	158529	61.327	ug/l	98
94) Hexachlorobutadiene	15.01	225	80460	56.484	ug/l	99
95) Naphthalene	15.13	128	427710	58.171	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	150537	59.829	ug/l	99

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

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