

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064543.D
 Acq On : 10 Nov 2020 22:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:01:11 PM

Quant Time: Nov 11 03:40:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	328095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	588560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	261934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	268718	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.55	113	192987	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	723197	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.38	95	271098	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	206858	48.434	ug/l	98
3) Chloromethane	2.04	50	250067	48.204	ug/l	100
4) Vinyl Chloride	2.17	62	272381	51.130	ug/l	98
5) Bromomethane	2.53	94	170306	50.042	ug/l	100
6) Chloroethane	2.67	64	170889	50.103	ug/l	100
7) Trichlorofluoromethane	2.99	101	392246	50.003	ug/l	99
8) Diethyl Ether	3.38	74	139425	50.331	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	184292	49.473	ug/l	98
10) Methyl Iodide	3.91	142	217833	50.326	ug/l	99
11) Tert butyl alcohol	4.75	59	156499	248.318	ug/l	100
12) 1,1-Dichloroethene	3.69	96	175045	49.886	ug/l	97
13) Acrolein	3.57	56	145740	372.806	ug/l	99
14) Allyl chloride	4.27	41	331779	48.335	ug/l	99
15) Acrylonitrile	4.94	53	478837	272.896	ug/l	99
16) Acetone	3.78	43	439460	201.873	ug/l	100
17) Carbon Disulfide	4.01	76	509483	48.553	ug/l	100
18) Methyl Acetate	4.29	43	247282	57.779	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	636028	50.363	ug/l	98
20) Methylene Chloride	4.51	84	213468	49.423	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	198681	49.869	ug/l	98
22) Diisopropyl ether	5.91	45	741291	50.876	ug/l	97
23) Vinyl Acetate	5.85	43	3043178	256.737	ug/l	99
24) 1,1-Dichloroethane	5.80	63	401672	50.167	ug/l	100
25) 2-Butanone	6.79	43	675402	243.503	ug/l	98
26) 2,2-Dichloropropane	6.78	77	306551	42.295	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	235775	51.072	ug/l	94
28) Bromochloromethane	7.15	49	191833	48.743	ug/l	99
29) Tetrahydrofuran	7.17	42	448330	263.456	ug/l	99
30) Chloroform	7.33	83	428666	50.933	ug/l	98
31) Cyclohexane	7.62	56	319758	46.028	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	378470	50.701	ug/l	99
36) 1,1-Dichloropropene	7.75	75	304582	48.986	ug/l	98
37) Ethyl Acetate	6.89	43	295939	46.943	ug/l	99
38) Carbon Tetrachloride	7.74	117	332873	50.092	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	272430	48.877	ug/l	99
40) Benzene	8.00	78	912567	49.947	ug/l	98
41) Methacrylonitrile	7.13	41	133622	48.473	ug/l	93
42) 1,2-Dichloroethane	8.09	62	370882	50.300	ug/l	98
43) Isopropyl Acetate	8.13	43	508608	50.475	ug/l	100
44) Trichloroethene	8.80	130	228487	49.566	ug/l	99
45) 1,2-Dichloropropane	9.09	63	247738	50.817	ug/l	99
46) Dibromomethane	9.18	93	163309	50.887	ug/l	99
47) Bromodichloromethane	9.37	83	351535	50.944	ug/l	99
48) Methyl methacrylate	9.17	41	264037	51.929	ug/l	99
49) 1,4-Dioxane	9.17	88	69819	1042.530	ug/l	100
51) 4-Methyl-2-Pentanone	9.96	43	1552399	264.183	ug/l	99
52) Toluene	10.13	92	561196	50.360	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	365983	50.027	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	391303	50.028	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	222101	51.105	ug/l	97
56) Ethyl methacrylate	10.40	69	333289	46.736	ug/l	97
57) 1,3-Dichloropropane	10.68	76	392702	51.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	859179	253.923	ug/l	98
59) 2-Hexanone	10.72	43	1119247	233.844	ug/l	100
60) Dibromochloromethane	10.87	129	258840	53.196	ug/l	100
61) 1,2-Dibromoethane	10.98	107	231463	52.507	ug/l	100
64) Tetrachloroethene	10.60	164	201198	47.206	ug/l	97
65) Chlorobenzene	11.41	112	593822	48.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	234170	51.748	ug/l	99
67) Ethyl Benzene	11.49	91	1094158	50.712	ug/l	100
68) m/p-Xylenes	11.59	106	811013	103.648	ug/l	99
69) o-Xylene	11.92	106	385338	50.963	ug/l	98
70) Styrene	11.94	104	678759	53.348	ug/l	99
71) Bromoform	12.10	173	169716	49.950	ug/l #	98
73) Isopropylbenzene	12.23	105	1020638	49.024	ug/l	99
74) N-amyl acetate	12.04	43	457317	45.405	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	320187	50.071	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	301919m	47.573	ug/l	
77) Bromobenzene	12.50	156	243869	47.978	ug/l	100
78) n-propylbenzene	12.57	91	1178822	49.665	ug/l	99
79) 2-Chlorotoluene	12.65	91	732798	48.677	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	855457	49.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	104792	46.103	ug/l	95
82) 4-Chlorotoluene	12.75	91	765971	48.585	ug/l	98
83) tert-Butylbenzene	12.97	119	677773	50.527	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	878218	50.864	ug/l	99
85) sec-Butylbenzene	13.15	105	871697	51.310	ug/l	99
86) p-Isopropyltoluene	13.26	119	799396	52.313	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	433360	49.321	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	436380	48.059	ug/l	98
89) n-Butylbenzene	13.59	91	667888	50.834	ug/l	100
90) Hexachloroethane	13.85	117	153883	52.203	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	441515	52.239	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66939	52.577	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192544	46.033	ug/l	99
94) Hexachlorobutadiene	14.98	225	91023	52.896	ug/l	100
95) Naphthalene	15.10	128	631281	44.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193430	47.704	ug/l	99

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

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