

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063381.D
 Acq On : 16 Sep 2020 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:09:56 PM

Quant Time: Sep 17 04:49:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	282912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	458714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	218065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	224776	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.55	113	156437	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
50) Toluene-d8	10.06	98	606282	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.38	95	229950	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	153016	47.741	ug/l	98
3) Chloromethane	2.04	50	192695	45.446	ug/l	98
4) Vinyl Chloride	2.16	62	189510	50.447	ug/l	97
5) Bromomethane	2.53	94	113526	50.898	ug/l	99
6) Chloroethane	2.68	64	109083	47.305	ug/l	95
7) Trichlorofluoromethane	2.99	101	275984	49.241	ug/l	100
8) Diethyl Ether	3.38	74	107777	49.328	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	147384	46.758	ug/l	98
10) Methyl Iodide	3.91	142	205501	50.076	ug/l	100
11) Tert butyl alcohol	4.73	59	147853	221.611	ug/l	98
12) 1,1-Dichloroethene	3.70	96	156341	48.969	ug/l	97
13) Acrolein	3.57	56	84305	340.977	ug/l	99
14) Allyl chloride	4.28	41	306330	48.507	ug/l	99
15) Acrylonitrile	4.93	53	412058	242.806	ug/l	99
16) Acetone	3.77	43	363751	235.019	ug/l	99
17) Carbon Disulfide	4.01	76	438342	47.202	ug/l	99
18) Methyl Acetate	4.28	43	188501	47.975	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	570146	47.915	ug/l	99
20) Methylene Chloride	4.51	84	185239	47.238	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	167481	47.348	ug/l	96
22) Diisopropyl ether	5.90	45	626283	48.626	ug/l	99
23) Vinyl Acetate	5.84	43	2631908	248.821	ug/l	100
24) 1,1-Dichloroethane	5.80	63	339586	48.294	ug/l	99
25) 2-Butanone	6.78	43	566475	237.974	ug/l	99
26) 2,2-Dichloropropane	6.78	77	262226	42.356	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	194303	48.532	ug/l	99
28) Bromochloromethane	7.15	49	155355	47.850	ug/l	100
29) Tetrahydrofuran	7.16	42	379194	233.240	ug/l	99
30) Chloroform	7.33	83	343460	48.685	ug/l	98
31) Cyclohexane	7.61	56	300760	45.218	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	299757	47.772	ug/l	98
36) 1,1-Dichloropropene	7.75	75	251451	47.425	ug/l	99
37) Ethyl Acetate	6.88	43	251259	48.284	ug/l	98
38) Carbon Tetrachloride	7.73	117	259307	47.910	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	265517	46.141	ug/l	98
40) Benzene	8.00	78	731179	48.310	ug/l	98
41) Methacrylonitrile	7.14	41	124952m	53.388	ug/l	
42) 1,2-Dichloroethane	8.09	62	294744	48.425	ug/l	98
43) Isopropyl Acetate	8.13	43	434772	46.726	ug/l #	90
44) Trichloroethene	8.80	130	178750	48.692	ug/l	97
45) 1,2-Dichloropropane	9.08	63	202645	49.159	ug/l	99
46) Dibromomethane	9.17	93	133349	49.218	ug/l	99
47) Bromodichloromethane	9.37	83	279568	49.669	ug/l	99
48) Methyl methacrylate	9.16	41	214643	46.952	ug/l	97
49) 1,4-Dioxane	9.17	88	58784	896.045	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1266517	243.134	ug/l	100
52) Toluene	10.13	92	461592	50.725	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	305240	48.576	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	320412	48.342	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	177542	49.119	ug/l	96
56) Ethyl methacrylate	10.40	69	281156	49.827	ug/l	99
57) 1,3-Dichloropropane	10.68	76	317851	48.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	698669	236.033	ug/l	99
59) 2-Hexanone	10.72	43	916288	242.797	ug/l	99
60) Dibromochloromethane	10.87	129	201206	49.274	ug/l	100
61) 1,2-Dibromoethane	10.98	107	188810	50.279	ug/l	100
64) Tetrachloroethene	10.60	164	153091	49.012	ug/l	96
65) Chlorobenzene	11.41	112	476517	48.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	178955	50.137	ug/l	99
67) Ethyl Benzene	11.48	91	915924	49.949	ug/l	99
68) m/p-Xylenes	11.59	106	653404	98.830	ug/l	99
69) o-Xylene	11.92	106	320092	50.824	ug/l	99
70) Styrene	11.94	104	550099	52.084	ug/l	99
71) Bromoform	12.10	173	135613	51.001	ug/l #	99
73) Isopropylbenzene	12.23	105	863732	49.428	ug/l	100
74) N-amyl acetate	12.05	43	410450	49.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	260258	48.101	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	240752m	44.605	ug/l	
77) Bromobenzene	12.50	156	199089	50.649	ug/l	96
78) n-propylbenzene	12.57	91	1016176	49.928	ug/l	100
79) 2-Chlorotoluene	12.65	91	605774	49.652	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	734569	50.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	90518	45.979	ug/l	99
82) 4-Chlorotoluene	12.75	91	633535	49.146	ug/l	99
83) tert-Butylbenzene	12.97	119	594149	49.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	730964	49.663	ug/l	99
85) sec-Butylbenzene	13.15	105	794043	49.325	ug/l	100
86) p-Isopropyltoluene	13.26	119	706241	49.739	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	357674	49.094	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	359733	48.565	ug/l	99
89) n-Butylbenzene	13.59	91	640405	48.932	ug/l	99
90) Hexachloroethane	13.85	117	131655	48.695	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	355039	49.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59809	46.420	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	201918	47.884	ug/l	100
94) Hexachlorobutadiene	14.98	225	80631	46.188	ug/l	96
95) Naphthalene	15.10	128	660034	47.377	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	188650	46.302	ug/l	97

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

