

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072820\
 Data File : VN062641.D
 Acq On : 28 Jul 2020 19:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 7:06:29 PM

Quant Time: Jul 29 05:15:28 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	7.63	168	177427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121753	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	135330	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.55	113	92336	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.06	98	370985	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	127303	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	95754	45.244	ug/l	99
3) Chloromethane	2.03	50	115768	40.331	ug/l	98
4) Vinyl Chloride	2.16	62	104940	42.172	ug/l	98
5) Bromomethane	2.51	94	48148	43.685	ug/l	99
6) Chloroethane	2.66	64	52428	46.577	ug/l	98
7) Trichlorofluoromethane	2.98	101	145974	49.963	ug/l	100
8) Diethyl Ether	3.37	74	62812	45.974	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	90367	48.242	ug/l	98
10) Methyl Iodide	3.91	142	111240	46.450	ug/l	96
11) Tert butyl alcohol	4.74	59	98781	225.289	ug/l	99
12) 1,1-Dichloroethene	3.69	96	87949	46.294	ug/l	98
13) Acrolein	3.56	56	117956	257.697	ug/l	98
14) Allyl chloride	4.27	41	179457	43.669	ug/l	96
15) Acrylonitrile	4.93	53	278356	237.017	ug/l	99
16) Acetone	3.77	43	232488	224.151	ug/l	99
17) Carbon Disulfide	4.00	76	259995	41.652	ug/l	100
18) Methyl Acetate	4.28	43	124379	47.369	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	338949	48.474	ug/l	96
20) Methylene Chloride	4.50	84	107346	43.152	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	96172	45.611	ug/l	98
22) Diisopropyl ether	5.90	45	368734	45.141	ug/l	98
23) Vinyl Acetate	5.84	43	1574206	235.199	ug/l	99
24) 1,1-Dichloroethane	5.80	63	204276	46.440	ug/l	99
25) 2-Butanone	6.79	43	371686	235.301	ug/l	100
26) 2,2-Dichloropropane	6.77	77	164723	45.618	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	108845	45.238	ug/l	98
28) Bromochloromethane	7.15	49	102161	47.193	ug/l	97
29) Tetrahydrofuran	7.17	42	247560	231.611	ug/l	97
30) Chloroform	7.33	83	197694	47.269	ug/l	99
31) Cyclohexane	7.61	56	176108	43.363	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	174668	50.023	ug/l	99
36) 1,1-Dichloropropene	7.75	75	148047	47.094	ug/l	99
37) Ethyl Acetate	6.88	43	157126	46.368	ug/l	99
38) Carbon Tetrachloride	7.73	117	154742	51.210	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	163318	48.262	ug/l	99
40) Benzene	8.00	78	433160	45.513	ug/l	98
41) Methacrylonitrile	7.12	41	70119	48.281	ug/l	91
42) 1,2-Dichloroethane	8.08	62	174189	50.063	ug/l	98
43) Isopropyl Acetate	8.13	43	259449	47.494	ug/l	99
44) Trichloroethene	8.80	130	99494	46.357	ug/l	94
45) 1,2-Dichloropropane	9.08	63	123312	46.147	ug/l	100
46) Dibromomethane	9.17	93	74505	48.241	ug/l	97
47) Bromodichloromethane	9.37	83	160524	47.975	ug/l	99
48) Methyl methacrylate	9.17	41	124867	48.085	ug/l	98
49) 1,4-Dioxane	9.17	88	36880	924.679	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	796514	243.687	ug/l	99
52) Toluene	10.12	92	265455	48.034	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	182003	48.863	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	191224	47.844	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	103937	48.487	ug/l	98
56) Ethyl methacrylate	10.40	69	176636	46.036	ug/l	98
57) 1,3-Dichloropropane	10.68	76	189324	48.209	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	272163	235.651	ug/l	98
59) 2-Hexanone	10.72	43	588463	232.997	ug/l	100
60) Dibromochloromethane	10.87	129	119233	49.859	ug/l	99
61) 1,2-Dibromoethane	10.98	107	105518	47.272	ug/l	97
64) Tetrachloroethene	10.60	164	82586	45.562	ug/l	97
65) Chlorobenzene	11.41	112	273402	46.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	104664	47.569	ug/l	99
67) Ethyl Benzene	11.48	91	514721	47.999	ug/l	100
68) m/p-Xylenes	11.60	106	375379	97.390	ug/l	98
69) o-Xylene	11.92	106	181225	49.514	ug/l	99
70) Styrene	11.94	104	310367	50.198	ug/l	98
71) Bromoform	12.10	173	82221	49.770	ug/l #	100
73) Isopropylbenzene	12.22	105	486743	50.559	ug/l	99
74) N-amyl acetate	12.05	43	230344	53.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140453	41.984	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	140290m	45.269	ug/l	
77) Bromobenzene	12.50	156	104326	45.093	ug/l	93
78) n-propylbenzene	12.56	91	514016	45.581	ug/l	100
79) 2-Chlorotoluene	12.65	91	300981	43.308	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	380451	47.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	49411	44.384	ug/l	94
82) 4-Chlorotoluene	12.75	91	322969	44.647	ug/l	100
83) tert-Butylbenzene	12.97	119	330046	49.773	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	381574	48.708	ug/l	98
85) sec-Butylbenzene	13.15	105	432427	48.710	ug/l	99
86) p-Isopropyltoluene	13.26	119	391198	51.235	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	186588	45.958	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	181307	45.364	ug/l	98
89) n-Butylbenzene	13.59	91	323312	49.281	ug/l	99
90) Hexachloroethane	13.85	117	68398	42.080	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	183247	47.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27811	45.787	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	82654	41.083	ug/l	98
94) Hexachlorobutadiene	14.98	225	53407	50.861	ug/l	98
95) Naphthalene	15.10	128	215199	40.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	82677	45.191	ug/l	98

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

