

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062796.D
 Acq On : 10 Aug 2020 9:19
 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

sam
 8/11/2020 3:24:39 PM

Quant Time: Aug 10 11:17:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	175114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	265389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	129502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	133345	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	7.55	113	90224	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.06	98	351020	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.38	95	135889	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	122770	48.960	ug/l	98
3) Chloromethane	2.03	50	98264	41.526	ug/l	98
4) Vinyl Chloride	2.16	62	96041	43.273	ug/l	99
5) Bromomethane	2.51	94	72738	49.509	ug/l	97
6) Chloroethane	2.66	64	75080	51.421	ug/l	99
7) Trichlorofluoromethane	2.97	101	199556	50.424	ug/l	99
8) Diethyl Ether	3.37	74	54755	48.330	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	77891	48.779	ug/l	99
10) Methyl Iodide	3.91	142	92706	48.330	ug/l	99
11) Tert butyl alcohol	4.73	59	93328	196.637	ug/l	99
12) 1,1-Dichloroethene	3.69	96	69890	46.790	ug/l	97
13) Acrolein	3.57	56	54369	189.197	ug/l	99
14) Allyl chloride	4.27	41	123796	40.379	ug/l	98
15) Acrylonitrile	4.93	53	235647	214.062	ug/l	100
16) Acetone	3.77	43	309251	295.545	ug/l	99
17) Carbon Disulfide	4.00	76	184859	43.540	ug/l	99
18) Methyl Acetate	4.27	43	106693	42.951	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	315562	46.512	ug/l	97
20) Methylene Chloride	4.50	84	86941	45.331	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	76780	43.815	ug/l	96
22) Diisopropyl ether	5.90	45	292384	44.799	ug/l	98
23) Vinyl Acetate	5.84	43	1030370	207.558	ug/l	98
24) 1,1-Dichloroethane	5.79	63	164995	43.139	ug/l	99
25) 2-Butanone	6.78	43	351359	237.086	ug/l	100
26) 2,2-Dichloropropane	6.77	77	163352	46.333	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	92822	44.156	ug/l	97
28) Bromochloromethane	7.15	49	79898	43.284	ug/l	96
29) Tetrahydrofuran	7.16	42	202851	210.689	ug/l	97
30) Chloroform	7.33	83	180717	44.460	ug/l	99
31) Cyclohexane	7.61	56	151943	43.277	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	163519	44.995	ug/l	98
36) 1,1-Dichloropropene	7.75	75	120513	46.636	ug/l	98
37) Ethyl Acetate	6.88	43	118238	43.802	ug/l	99
38) Carbon Tetrachloride	7.73	117	144307	47.217	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155917	50.137	ug/l	97
40) Benzene	8.00	78	352382	45.698	ug/l	97
41) Methacrylonitrile	7.13	41	59053m	48.481	ug/l	
42) 1,2-Dichloroethane	8.08	62	155734	47.451	ug/l	99
43) Isopropyl Acetate	8.13	43	196281	43.594	ug/l	98
44) Trichloroethene	8.80	130	87628	46.643	ug/l	96
45) 1,2-Dichloropropane	9.08	63	98649	47.268	ug/l	97
46) Dibromomethane	9.17	93	64876	47.443	ug/l	98
47) Bromodichloromethane	9.37	83	151090	49.196	ug/l	100
48) Methyl methacrylate	9.17	41	98441	44.451	ug/l	97
49) 1,4-Dioxane	9.17	88	38556	939.582	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	659901	226.524	ug/l	99
52) Toluene	10.12	92	228692	48.034	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	166416	49.261	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	166489	49.086	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	97257	47.830	ug/l	97
56) Ethyl methacrylate	10.40	69	150446	49.155	ug/l	99
57) 1,3-Dichloropropane	10.68	76	164994	47.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	164767	190.452	ug/l	98
59) 2-Hexanone	10.72	43	526985	242.510	ug/l	100
60) Dibromochloromethane	10.87	129	115237	49.661	ug/l	98
61) 1,2-Dibromoethane	10.98	107	95881	47.786	ug/l	99
64) Tetrachloroethene	10.60	164	76888	46.964	ug/l	99
65) Chlorobenzene	11.41	112	253799	47.849	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	105453	49.508	ug/l	96
67) Ethyl Benzene	11.48	91	467766	49.281	ug/l	97
68) m/p-Xylenes	11.60	106	348153	101.045	ug/l	99
69) o-Xylene	11.92	106	166220	51.478	ug/l	99
70) Styrene	11.94	104	295298	52.029	ug/l	99
71) Bromoform	12.10	173	82610	47.401	ug/l #	99
73) Isopropylbenzene	12.22	105	472883	48.494	ug/l	99
74) N-amyl acetate	12.04	43	183788	46.508	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	148201	43.172	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	149726m	42.870	ug/l	
77) Bromobenzene	12.50	156	112541	46.448	ug/l	95
78) n-propylbenzene	12.57	91	566130	49.458	ug/l	99
79) 2-Chlorotoluene	12.65	91	339102	47.241	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	427947	50.586	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	55176	48.228	ug/l	98
82) 4-Chlorotoluene	12.75	91	363547	49.146	ug/l	100
83) tert-Butylbenzene	12.97	119	355339	49.639	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	425194	52.536	ug/l	99
85) sec-Butylbenzene	13.15	105	470397	50.040	ug/l	100
86) p-Isopropyltoluene	13.26	119	438908	52.600	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	209100	48.308	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	209011	48.144	ug/l	98
89) n-Butylbenzene	13.59	91	366037	51.868	ug/l	100
90) Hexachloroethane	13.85	117	81951	45.563	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	200692	49.455	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	33851	45.933	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	97949	45.279	ug/l	98
94) Hexachlorobutadiene	14.99	225	67384	52.844	ug/l	98
95) Naphthalene	15.10	128	241600	41.281	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	96408	45.162	ug/l	98

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

