

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091820\
 Data File : VN063473.D
 Acq On : 18 Sep 2020 21:24
 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
 9/21/2020 11:49:56 AM

Quant Time: Sep 21 02:56:14 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	296891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	522162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	231698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	239269	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	7.55	113	166953	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
50) Toluene-d8	10.06	98	646961	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.38	95	246501	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	158621	47.159	ug/l	97
3) Chloromethane	2.04	50	191538	43.046	ug/l	99
4) Vinyl Chloride	2.17	62	190859	48.414	ug/l	100
5) Bromomethane	2.53	94	114422	48.884	ug/l	97
6) Chloroethane	2.68	64	112584	46.524	ug/l	100
7) Trichlorofluoromethane	2.99	101	295189	50.187	ug/l	95
8) Diethyl Ether	3.38	74	107302	46.798	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	153504	46.407	ug/l	96
10) Methyl Iodide	3.91	142	216541	50.282	ug/l	100
11) Tert butyl alcohol	4.72	59	133267m	190.343	ug/l	
12) 1,1-Dichloroethene	3.70	96	154849	46.218	ug/l	97
13) Acrolein	3.57	56	76733	295.739	ug/l	99
14) Allyl chloride	4.28	41	274200	41.375	ug/l	91
15) Acrylonitrile	4.93	53	400580	224.928	ug/l	100
16) Acetone	3.77	43	355255	218.722	ug/l	96
17) Carbon Disulfide	4.02	76	423879	43.495	ug/l	100
18) Methyl Acetate	4.28	43	194783	47.239	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	576499	46.168	ug/l	98
20) Methylene Chloride	4.51	84	187579	45.582	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	170246	45.864	ug/l	94
22) Diisopropyl ether	5.90	45	622876	46.085	ug/l	99
23) Vinyl Acetate	5.84	43	2567668	231.318	ug/l	99
24) 1,1-Dichloroethane	5.80	63	345595	46.834	ug/l	100
25) 2-Butanone	6.78	43	544550	217.992	ug/l	99
26) 2,2-Dichloropropane	6.78	77	257938	39.702	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	199146	47.399	ug/l	99
28) Bromochloromethane	7.15	49	159125	46.704	ug/l	96
29) Tetrahydrofuran	7.17	42	373103	218.688	ug/l	99
30) Chloroform	7.33	83	353258	47.716	ug/l	100
31) Cyclohexane	7.61	56	297220	42.582	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	315040	47.844	ug/l	98
36) 1,1-Dichloropropene	7.76	75	258702	46.505	ug/l	100
37) Ethyl Acetate	6.88	43	241340	44.204	ug/l	98
38) Carbon Tetrachloride	7.74	117	269595	47.475	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	271950	45.043	ug/l	98
40) Benzene	8.00	78	751177	47.303	ug/l	100
41) Methacrylonitrile	7.12	41	108679	44.258	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	304353	47.658	ug/l	99
43) Isopropyl Acetate	8.13	43	431036	44.152	ug/l #	89
44) Trichloroethene	8.80	130	187069	48.569	ug/l	99
45) 1,2-Dichloropropane	9.08	63	204712	47.332	ug/l	99
46) Dibromomethane	9.18	93	135015	47.496	ug/l	100
47) Bromodichloromethane	9.37	83	283262	47.965	ug/l	99
48) Methyl methacrylate	9.17	41	213058	44.420	ug/l	96
49) 1,4-Dioxane	9.17	88	54784	795.914	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1242201	227.283	ug/l	99
52) Toluene	10.13	92	485283	50.828	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	307827	46.691	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	327666	47.118	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	182831	48.210	ug/l	99
56) Ethyl methacrylate	10.40	69	283324	47.856	ug/l	99
57) 1,3-Dichloropropane	10.68	76	317090	46.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	707553	227.825	ug/l	97
59) 2-Hexanone	10.72	43	893281	225.601	ug/l	99
60) Dibromochloromethane	10.87	129	205859	48.049	ug/l	99
61) 1,2-Dibromoethane	10.98	107	191463	48.595	ug/l	99
64) Tetrachloroethene	10.60	164	169200	51.307	ug/l	98
65) Chlorobenzene	11.41	112	487416	47.412	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	186099	49.383	ug/l	98
67) Ethyl Benzene	11.49	91	938098	48.455	ug/l	100
68) m/p-Xylenes	11.59	106	681035	97.565	ug/l	100
69) o-Xylene	11.92	106	331893	49.913	ug/l	98
70) Styrene	11.94	104	557126	49.962	ug/l	99
71) Bromoform	12.10	173	132729	47.278	ug/l #	99
73) Isopropylbenzene	12.23	105	900242	48.486	ug/l	100
74) N-amyl acetate	12.05	43	396704	45.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	258245	44.921	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	240109m	41.868	ug/l	
77) Bromobenzene	12.50	156	210175	50.323	ug/l	93
78) n-propylbenzene	12.57	91	1042187	48.193	ug/l	100
79) 2-Chlorotoluene	12.65	91	622405	48.013	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	760186	49.100	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	88438	42.279	ug/l	99
82) 4-Chlorotoluene	12.75	91	654857	47.811	ug/l	99
83) tert-Butylbenzene	12.97	119	621678	48.651	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	757069	48.410	ug/l	99
85) sec-Butylbenzene	13.15	105	820894	47.993	ug/l	99
86) p-Isopropyltoluene	13.26	119	737228	48.867	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	374883	48.428	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	381883	48.522	ug/l	100
89) n-Butylbenzene	13.59	91	671127	48.262	ug/l	99
90) Hexachloroethane	13.85	117	130226	45.332	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	362255	47.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57406	41.934	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	210552	46.993	ug/l	100
94) Hexachlorobutadiene	14.98	225	94049	50.704	ug/l	98
95) Naphthalene	15.10	128	679340	45.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	199834	46.161	ug/l	98

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

