

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063836.D
 Acq On : 2 Oct 2020 21:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:31 PM

Quant Time: Oct 05 07:12:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	247775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	399508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	212052	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.55	113	146106	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.06	98	542815	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.38	95	203675	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	125592	48.038	ug/l	100
3) Chloromethane	2.04	50	146358	47.710	ug/l	99
4) Vinyl Chloride	2.16	62	145895	47.379	ug/l	98
5) Bromomethane	2.52	94	93091	48.062	ug/l	98
6) Chloroethane	2.67	64	99597	54.127	ug/l	98
7) Trichlorofluoromethane	2.98	101	245305	50.229	ug/l	95
8) Diethyl Ether	3.37	74	83016	50.262	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	127014	48.659	ug/l	99
10) Methyl Iodide	3.91	142	166772	55.025	ug/l	99
11) Tert butyl alcohol	4.73	59	147867	327.193	ug/l	98
12) 1,1-Dichloroethene	3.70	96	121284	48.610	ug/l	99
13) Acrolein	3.57	56	70830	255.365	ug/l	97
14) Allyl chloride	4.27	41	243529	52.538	ug/l	97
15) Acrylonitrile	4.93	53	374988	289.877	ug/l	99
16) Acetone	3.77	43	355712	282.292	ug/l	100
17) Carbon Disulfide	4.01	76	327058	48.520	ug/l	100
18) Methyl Acetate	4.28	43	205863	62.923	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	485239	53.530	ug/l	97
20) Methylene Chloride	4.50	84	154159	53.406	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	138828	49.676	ug/l	97
22) Diisopropyl ether	5.90	45	526391	55.195	ug/l	99
23) Vinyl Acetate	5.84	43	2185073	276.593	ug/l	100
24) 1,1-Dichloroethane	5.79	63	283263	51.947	ug/l	98
25) 2-Butanone	6.78	43	552861	309.468	ug/l	98
26) 2,2-Dichloropropane	6.78	77	213751	42.805	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	163711	50.934	ug/l	99
28) Bromochloromethane	7.15	49	142747	52.965	ug/l	98
29) Tetrahydrofuran	7.16	42	372596	310.966	ug/l	98
30) Chloroform	7.33	83	301995	53.115	ug/l	93
31) Cyclohexane	7.61	56	221846	46.682	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	275442	53.710	ug/l	99
36) 1,1-Dichloropropene	7.75	75	207488	48.626	ug/l	99
37) Ethyl Acetate	6.88	43	228506	53.902	ug/l	99
38) Carbon Tetrachloride	7.73	117	237520	49.641	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	191636	45.036	ug/l	98
40) Benzene	8.00	78	609402	50.002	ug/l	97
41) Methacrylonitrile	7.12	41	96285	51.103	ug/l #	90
42) 1,2-Dichloroethane	8.09	62	269664	51.834	ug/l	100
43) Isopropyl Acetate	8.13	43	388324	55.534	ug/l #	92
44) Trichloroethene	8.80	130	153308	48.009	ug/l	98
45) 1,2-Dichloropropane	9.08	63	169008	51.347	ug/l	98
46) Dibromomethane	9.17	93	117098	51.571	ug/l	99
47) Bromodichloromethane	9.37	83	247572	52.904	ug/l	100
48) Methyl methacrylate	9.16	41	199425	57.725	ug/l	95
49) 1,4-Dioxane	9.16	88	62482	1272.552	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1238039	301.700	ug/l	99
52) Toluene	10.13	92	390497	51.801	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	259794	51.790	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	267294	50.951	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	158057	52.282	ug/l	98
56) Ethyl methacrylate	10.40	69	239799	55.960	ug/l	98
57) 1,3-Dichloropropane	10.68	76	271218	53.027	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	639025	278.781	ug/l	99
59) 2-Hexanone	10.72	43	923105	302.819	ug/l	99
60) Dibromochloromethane	10.87	129	183089	52.003	ug/l	100
61) 1,2-Dibromoethane	10.98	107	166579	53.866	ug/l	99
64) Tetrachloroethene	10.60	164	137769	44.573	ug/l	99
65) Chlorobenzene	11.41	112	411977	50.271	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	161384	51.367	ug/l	99
67) Ethyl Benzene	11.48	91	759613	50.939	ug/l	100
68) m/p-Xylenes	11.60	106	562422	101.196	ug/l	99
69) o-Xylene	11.92	106	271483	52.262	ug/l	99
70) Styrene	11.94	104	475289	53.901	ug/l	99
71) Bromoform	12.10	173	124726	51.907	ug/l #	95
73) Isopropylbenzene	12.23	105	717297	49.617	ug/l	100
74) N-amyl acetate	12.05	43	347253	51.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	239898	54.267	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	223041m	51.050	ug/l	
77) Bromobenzene	12.50	156	180152	50.786	ug/l	99
78) n-propylbenzene	12.57	91	827822	49.203	ug/l	100
79) 2-Chlorotoluene	12.65	91	513072	49.585	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	611735	50.439	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	79190	52.203	ug/l	99
82) 4-Chlorotoluene	12.75	91	535504	49.853	ug/l	100
83) tert-Butylbenzene	12.97	119	487821	49.172	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	611730	50.519	ug/l	98
85) sec-Butylbenzene	13.15	105	634458	48.691	ug/l	100
86) p-Isopropyltoluene	13.26	119	577944	50.137	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	315060	49.094	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	315514	47.219	ug/l	99
89) n-Butylbenzene	13.59	91	486615	45.738	ug/l	99
90) Hexachloroethane	13.85	117	108691	48.659	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	319820	50.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	56661	54.654	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	150202	43.684	ug/l	99
94) Hexachlorobutadiene	14.98	225	80874	46.930	ug/l	98
95) Naphthalene	15.10	128	485798	45.601	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	147683	44.241	ug/l	100

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

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