

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100820\
 Data File : VN063981.D
 Acq On : 8 Oct 2020 10:38
 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

MMDadoda
 10/9/2020 4:32:02 PM

Quant Time: Oct 09 18:52:24 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	7.62	168	294098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	444307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	216952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	219162	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.54	113	159063	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	10.06	98	590128	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.38	95	221809	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	132354	42.650	ug/l	100
3) Chloromethane	2.04	50	155646	42.746	ug/l	100
4) Vinyl Chloride	2.16	62	156961	42.944	ug/l	99
5) Bromomethane	2.52	94	92280	40.139	ug/l	96
6) Chloroethane	2.67	64	106051	48.557	ug/l	98
7) Trichlorofluoromethane	2.98	101	258381	44.573	ug/l	98
8) Diethyl Ether	3.37	74	94463	48.184	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	142212	45.900	ug/l	98
10) Methyl Iodide	3.91	142	138542	38.511	ug/l	99
11) Tert butyl alcohol	4.73	59	160446	299.107	ug/l	100
12) 1,1-Dichloroethene	3.69	96	132473	44.731	ug/l	96
13) Acrolein	3.56	56	105944	321.800	ug/l	99
14) Allyl chloride	4.27	41	283445	51.518	ug/l	90
15) Acrylonitrile	4.92	53	427086	278.149	ug/l	100
16) Acetone	3.77	43	453828	303.429	ug/l	99
17) Carbon Disulfide	4.01	76	350614	43.889	ug/l	98
18) Methyl Acetate	4.27	43	223174	57.470	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	542050	50.379	ug/l	97
20) Methylene Chloride	4.50	84	168097	49.070	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	147617	44.501	ug/l	97
22) Diisopropyl ether	5.90	45	602718	53.244	ug/l	97
23) Vinyl Acetate	5.84	43	2512131	267.906	ug/l	99
24) 1,1-Dichloroethane	5.79	63	312933	48.349	ug/l	99
25) 2-Butanone	6.78	43	647755	305.475	ug/l	98
26) 2,2-Dichloropropane	6.77	77	278830	47.042	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	179375	47.018	ug/l	99
28) Bromochloromethane	7.14	49	163846	51.218	ug/l	95
29) Tetrahydrofuran	7.16	42	411681	289.469	ug/l	96
30) Chloroform	7.32	83	322017	47.716	ug/l	96
31) Cyclohexane	7.61	56	251793	44.639	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	287968	47.308	ug/l	99
36) 1,1-Dichloropropene	7.75	75	227641	48.098	ug/l	99
37) Ethyl Acetate	6.88	43	265108	56.380	ug/l	99
38) Carbon Tetrachloride	7.73	117	247682	46.669	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223478	47.349	ug/l	99
40) Benzene	8.00	78	671254	49.655	ug/l	100
41) Methacrylonitrile	7.14	41	141217m	67.573	ug/l	
42) 1,2-Dichloroethane	8.08	62	281517	48.786	ug/l	99
43) Isopropyl Acetate	8.12	43	430692	55.530	ug/l #	92
44) Trichloroethene	8.80	130	167945	47.416	ug/l	100
45) 1,2-Dichloropropane	9.08	63	189281	51.846	ug/l	100
46) Dibromomethane	9.17	93	123557	49.059	ug/l	98
47) Bromodichloromethane	9.37	83	263513	50.768	ug/l	97
48) Methyl methacrylate	9.16	41	215365	56.202	ug/l	93
49) 1,4-Dioxane	9.16	88	65631	1205.109	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1340023	294.408	ug/l	100
52) Toluene	10.12	92	424151	50.726	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	291457	52.383	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	301865	51.876	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	174653	52.085	ug/l	99
56) Ethyl methacrylate	10.40	69	269264	56.650	ug/l	94
57) 1,3-Dichloropropane	10.68	76	294939	51.989	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	709447	279.037	ug/l	100
59) 2-Hexanone	10.72	43	1010666	298.907	ug/l	100
60) Dibromochloromethane	10.87	129	203819	52.192	ug/l	99
61) 1,2-Dibromoethane	10.97	107	179222	52.249	ug/l	98
64) Tetrachloroethene	10.60	164	153256	44.584	ug/l	99
65) Chlorobenzene	11.41	112	452224	49.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	180625	51.694	ug/l	98
67) Ethyl Benzene	11.48	91	827331	49.886	ug/l	99
68) m/p-Xylenes	11.59	106	614458	99.411	ug/l	100
69) o-Xylene	11.92	106	297022	51.413	ug/l	97
70) Styrene	11.94	104	512231	52.234	ug/l	98
71) Bromoform	12.10	173	141172	52.827	ug/l #	99
73) Isopropylbenzene	12.22	105	793035	50.115	ug/l	100
74) N-amyl acetate	12.05	43	377706	51.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	257118	53.135	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	240521m	50.292	ug/l	
77) Bromobenzene	12.50	156	195424	50.329	ug/l	98
78) n-propylbenzene	12.57	91	910210	49.424	ug/l	100
79) 2-Chlorotoluene	12.65	91	557437	49.216	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	676924	50.989	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	90060	54.237	ug/l	98
82) 4-Chlorotoluene	12.75	91	587632	49.977	ug/l	99
83) tert-Butylbenzene	12.97	119	544636	50.154	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	663413	50.051	ug/l	96
85) sec-Butylbenzene	13.14	105	702779	49.273	ug/l	100
86) p-Isopropyltoluene	13.26	119	645069	51.123	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	352831	50.227	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	354622	48.484	ug/l	99
89) n-Butylbenzene	13.59	91	543762	46.691	ug/l	100
90) Hexachloroethane	13.85	117	121076	49.519	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	347024	49.876	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57621	50.776	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	164383	43.676	ug/l	97
94) Hexachlorobutadiene	14.98	225	97111	51.475	ug/l	97
95) Naphthalene	15.10	128	482294	41.538	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157963	43.266	ug/l	99

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

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