

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092420\
 Data File : VN063647.D
 Acq On : 24 Sep 2020 23:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:17:22 PM

Quant Time: Sep 25 05:53:19 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	231437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	204974	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	7.55	113	141949	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
50) Toluene-d8	10.06	98	542322	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	206721	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	118925	45.357	ug/l	98
3) Chloromethane	2.04	50	144952	41.790	ug/l	99
4) Vinyl Chloride	2.17	62	147575	48.021	ug/l	99
5) Bromomethane	2.53	94	91789	50.306	ug/l	98
6) Chloroethane	2.67	64	93601	49.619	ug/l	95
7) Trichlorofluoromethane	2.99	101	245095	53.456	ug/l	94
8) Diethyl Ether	3.38	74	83467	46.698	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	124317	48.212	ug/l	97
10) Methyl Iodide	3.91	142	159578	47.535	ug/l	98
11) Tert butyl alcohol	4.73	59	112698	206.488	ug/l	99
12) 1,1-Dichloroethene	3.70	96	121800	46.636	ug/l	99
13) Acrolein	3.57	56	56477	279.230	ug/l	98
14) Allyl chloride	4.28	41	229164	44.359	ug/l	96
15) Acrylonitrile	4.93	53	332960	239.834	ug/l	99
16) Acetone	3.78	43	302216	238.690	ug/l	98
17) Carbon Disulfide	4.02	76	316204	41.623	ug/l	100
18) Methyl Acetate	4.28	43	165322	51.434	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	462427	47.506	ug/l	98
20) Methylene Chloride	4.50	84	149987	46.755	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	135051	46.672	ug/l	95
22) Diisopropyl ether	5.90	45	501666	47.614	ug/l	100
23) Vinyl Acetate	5.85	43	2065256	238.676	ug/l	99
24) 1,1-Dichloroethane	5.80	63	275400	47.877	ug/l	99
25) 2-Butanone	6.78	43	461031	236.754	ug/l	99
26) 2,2-Dichloropropane	6.78	77	194867	38.477	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	159695	48.759	ug/l	99
28) Bromochloromethane	7.15	49	141480	53.269	ug/l	98
29) Tetrahydrofuran	7.17	42	315477	237.207	ug/l	98
30) Chloroform	7.33	83	290940	50.413	ug/l	96
31) Cyclohexane	7.62	56	223858	41.142	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	254120	49.507	ug/l	98
36) 1,1-Dichloropropene	7.76	75	203380	47.568	ug/l	100
37) Ethyl Acetate	6.88	43	203122	48.405	ug/l #	95
38) Carbon Tetrachloride	7.73	117	217534	49.842	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	200578	43.225	ug/l	99
40) Benzene	8.00	78	601885	49.314	ug/l	98
41) Methacrylonitrile	7.13	41	97138	51.468	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	248447	50.618	ug/l	100
43) Isopropyl Acetate	8.13	43	342065	45.588	ug/l	99
44) Trichloroethene	8.80	130	144788	48.910	ug/l	99
45) 1,2-Dichloropropane	9.08	63	163620	49.221	ug/l	98
46) Dibromomethane	9.17	93	110908	50.763	ug/l	99
47) Bromodichloromethane	9.37	83	234643	51.696	ug/l	99
48) Methyl methacrylate	9.17	41	178890	48.526	ug/l	99
49) 1,4-Dioxane	9.17	88	44953	849.726	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1054271	250.978	ug/l	99
52) Toluene	10.13	92	374697	51.061	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	238292	47.026	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	255104	47.729	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	151335	51.920	ug/l	97
56) Ethyl methacrylate	10.40	69	222195	48.831	ug/l	98
57) 1,3-Dichloropropane	10.68	76	262616	49.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	572509	239.847	ug/l	98
59) 2-Hexanone	10.72	43	761000	250.061	ug/l	100
60) Dibromochloromethane	10.87	129	168095	51.048	ug/l	100
61) 1,2-Dibromoethane	10.98	107	153658	50.742	ug/l	98
64) Tetrachloroethene	10.60	164	135347	52.456	ug/l	99
65) Chlorobenzene	11.41	112	388694	48.324	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	149559	50.725	ug/l	98
67) Ethyl Benzene	11.49	91	737030	48.658	ug/l	99
68) m/p-Xylenes	11.59	106	542129	99.266	ug/l	99
69) o-Xylene	11.92	106	261598	50.283	ug/l	97
70) Styrene	11.94	104	451186	51.715	ug/l	99
71) Bromoform	12.10	173	112835	51.370	ug/l #	100
73) Isopropylbenzene	12.23	105	707943	48.470	ug/l	99
74) N-amyl acetate	12.04	43	318810	46.111	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	214904	47.520	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	206428m	45.758	ug/l	
77) Bromobenzene	12.50	156	167374	50.944	ug/l	95
78) n-propylbenzene	12.57	91	820092	48.208	ug/l	100
79) 2-Chlorotoluene	12.65	91	496673	48.705	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	596151	48.948	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	69731	42.377	ug/l	94
82) 4-Chlorotoluene	12.75	91	524561	48.685	ug/l	100
83) tert-Butylbenzene	12.97	119	477666	47.519	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	610498	49.625	ug/l	100
85) sec-Butylbenzene	13.15	105	636838	47.330	ug/l	100
86) p-Isopropyltoluene	13.26	119	570307	48.055	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	303293	49.806	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	300345	48.512	ug/l	98
89) n-Butylbenzene	13.59	91	504329	46.103	ug/l	99
90) Hexachloroethane	13.85	117	104380	46.189	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	300844	50.320	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48146	44.708	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	161012	45.683	ug/l	99
94) Hexachlorobutadiene	14.98	225	76679	52.551	ug/l	99
95) Naphthalene	15.10	128	515149	44.240	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	156118	45.843	ug/l	98

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

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