

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063434.D
 Acq On : 17 Sep 2020 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 10:02:50 AM

Quant Time: Sep 18 05:01:57 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	265219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	432908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207102	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
35) Dibromofluoromethane	7.55	113	146482	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
50) Toluene-d8	10.06	98	566246	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	12.38	95	216800	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	141947	47.242	ug/l	100
3) Chloromethane	2.04	50	179559	45.173	ug/l	99
4) Vinyl Chloride	2.16	62	173476	49.260	ug/l	98
5) Bromomethane	2.53	94	108451	51.866	ug/l	100
6) Chloroethane	2.67	64	100991	46.717	ug/l	98
7) Trichlorofluoromethane	2.99	101	261500	49.769	ug/l	97
8) Diethyl Ether	3.37	74	99803	48.725	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	143691	48.628	ug/l	98
10) Methyl Iodide	3.91	142	185157	48.129	ug/l	100
11) Tert butyl alcohol	4.73	59	135448	216.561	ug/l	98
12) 1,1-Dichloroethene	3.70	96	140731	47.021	ug/l	98
13) Acrolein	3.57	56	66599	287.334	ug/l	99
14) Allyl chloride	4.28	41	272522	46.033	ug/l	98
15) Acrylonitrile	4.93	53	388173	243.990	ug/l	100
16) Acetone	3.77	43	343902	237.017	ug/l	100
17) Carbon Disulfide	4.01	76	395051	45.378	ug/l	98
18) Methyl Acetate	4.28	43	183147	49.722	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	518192	46.454	ug/l	96
20) Methylene Chloride	4.51	84	168445	45.821	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	153544	46.304	ug/l	99
22) Diisopropyl ether	5.90	45	571521	47.335	ug/l	99
23) Vinyl Acetate	5.84	43	2386905	240.712	ug/l	100
24) 1,1-Dichloroethane	5.80	63	310117	47.045	ug/l	99
25) 2-Butanone	6.78	43	529030	237.069	ug/l	98
26) 2,2-Dichloropropane	6.78	77	235720	40.615	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178958	47.681	ug/l	100
28) Bromochloromethane	7.15	49	154725	50.835	ug/l	100
29) Tetrahydrofuran	7.17	42	354199	232.400	ug/l	99
30) Chloroform	7.33	83	319013	48.236	ug/l	99
31) Cyclohexane	7.61	56	270360	43.359	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	281425	47.843	ug/l	99
36) 1,1-Dichloropropene	7.75	75	238282	48.199	ug/l	100
37) Ethyl Acetate	6.88	43	236190	48.678	ug/l	99
38) Carbon Tetrachloride	7.73	117	244855	48.519	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	246638	45.967	ug/l	99
40) Benzene	8.00	78	682706	48.376	ug/l	99
41) Methacrylonitrile	7.13	41	103518	47.436	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	276510	48.722	ug/l	99
43) Isopropyl Acetate	8.13	43	401549	46.283	ug/l #	89
44) Trichloroethene	8.80	130	167652	48.979	ug/l	95
45) 1,2-Dichloropropane	9.08	63	185609	48.290	ug/l	96
46) Dibromomethane	9.17	93	121302	48.017	ug/l	99
47) Bromodichloromethane	9.37	83	259390	49.424	ug/l	99
48) Methyl methacrylate	9.16	41	201678	47.314	ug/l	98
49) 1,4-Dioxane	9.16	88	53808	879.644	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1193750	245.774	ug/l	100
52) Toluene	10.13	92	422450	49.788	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	280097	47.806	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	293069	47.421	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	170228	50.509	ug/l	99
56) Ethyl methacrylate	10.40	69	261246	49.654	ug/l	99
57) 1,3-Dichloropropane	10.68	76	294738	48.495	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	675007	244.568	ug/l	99
59) 2-Hexanone	10.72	43	876674	249.138	ug/l	100
60) Dibromochloromethane	10.87	129	185164	48.632	ug/l	100
61) 1,2-Dibromoethane	10.98	107	174477	49.830	ug/l	99
64) Tetrachloroethene	10.60	164	149589	50.746	ug/l	97
65) Chlorobenzene	11.41	112	440358	47.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	168063	49.892	ug/l	98
67) Ethyl Benzene	11.49	91	833400	48.158	ug/l	100
68) m/p-Xylenes	11.59	106	612142	98.108	ug/l	99
69) o-Xylene	11.92	106	300330	50.529	ug/l	97
70) Styrene	11.94	104	512315	51.398	ug/l	99
71) Bromoform	12.10	173	122726	48.906	ug/l #	98
73) Isopropylbenzene	12.23	105	810315	48.811	ug/l	100
74) N-amyl acetate	12.05	43	367912	46.817	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	243244	47.321	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	228361m	44.535	ug/l	
77) Bromobenzene	12.50	156	184919	49.519	ug/l	97
78) n-propylbenzene	12.57	91	942327	48.735	ug/l	100
79) 2-Chlorotoluene	12.65	91	563878	48.649	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	687498	49.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	82776	44.258	ug/l	98
82) 4-Chlorotoluene	12.75	91	590245	48.197	ug/l	100
83) tert-Butylbenzene	12.97	119	558681	48.898	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	696494	49.811	ug/l	100
85) sec-Butylbenzene	13.15	105	748129	48.918	ug/l	100
86) p-Isopropyltoluene	13.26	119	670164	49.681	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	338755	48.943	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	337280	47.929	ug/l	99
89) n-Butylbenzene	13.59	91	612415	49.255	ug/l	100
90) Hexachloroethane	13.85	117	119892	46.677	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	331985	48.855	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55827	45.609	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	188273	46.997	ug/l	99
94) Hexachlorobutadiene	14.98	225	84203	50.771	ug/l	99
95) Naphthalene	15.10	128	615596	46.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	180135	46.537	ug/l	99

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

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