

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017428.D
 Acq On : 10 Jul 2020 04:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Jul 10 05:16:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277999	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144732	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64213	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.58	69	45391	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.30%
11) 1,1-Dichloroethene-d2	2.13	63	152291	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
21) 2-Butanone-d5	3.90	46	97922	99.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.38	84	159532	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.06	65	115275	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.08	84	270504	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
36) 1,2-Dichloropropane-d6	6.09	67	79064	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.16%
41) Toluene-d8	7.34	98	261018	47.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.08%
43) trans-1,3-Dichloropropene-	7.64	79	45410	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.88%
47) 2-Hexanone-d5	8.11	63	71308	105.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	109419	47.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	113168	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	140046	46.911	ug/L 99
3) Chloromethane	1.25	50	96789	46.051	ug/L 97
5) Vinyl chloride	1.32	62	98490	46.362	ug/L 99
6) Bromomethane	1.53	94	50624	46.948	ug/L 96
8) Chloroethane	1.60	64	51743	46.943	ug/L 97
9) Trichlorofluoromethane	1.76	101	191087	48.047	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	86476	46.842	ug/L 100
12) 1,1-Dichloroethene	2.14	96	78066	46.753	ug/L 87
13) Acetone	2.19	43	86626	64.377	ug/L 99
14) Carbon disulfide	2.31	76	225865	44.443	ug/L 99
15) Methyl Acetate	2.44	43	81057	45.381	ug/L 98
16) Methylene chloride	2.52	84	89741	46.163	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	83290	45.870	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	295413	48.766	ug/L 98
19) 1,1-Dichloroethane	3.21	63	159827	47.869	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	91381	46.969	ug/L 96
22) 2-Butanone	3.98	43	115675	87.944	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	51142	47.242	ug/L	97
25) Chloroform	4.40	83	180431	48.145	ug/L	100
27) 1,2-Dichloroethane	5.15	62	162485	49.326	ug/L	98
29) Cyclohexane	4.71	56	131830	47.819	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	182302	50.147	ug/L	100
31) Carbon tetrachloride	4.86	117	164932	49.567	ug/L	100
33) Benzene	5.13	78	340075	48.665	ug/L	100
34) Trichloroethene	5.94	95	97274	46.885	ug/L	94
35) Methylcyclohexane	6.16	83	143380	47.193	ug/L	100
37) 1,2-Dichloropropane	6.20	63	84978	49.718	ug/L	99
38) Bromodichloromethane	6.53	83	138375	49.719	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	138254	47.465	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	234324	99.147	ug/L	99
42) Toluene	7.41	91	380945	48.772	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	144913	48.101	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	88899	47.937	ug/L	96
46) Tetrachloroethene	8.00	164	82183	47.175	ug/L	95
48) 2-Hexanone	8.16	43	180903	94.554	ug/L	98
49) Dibromochloromethane	8.27	129	112047	48.433	ug/L	98
50) 1,2-Dibromoethane	8.37	107	94579	47.649	ug/L	100
51) Chlorobenzene	8.90	112	255366	48.247	ug/L	100
52) Ethylbenzene	9.03	91	437122	48.928	ug/L	99
53) m,p-Xylene	9.16	106	163944	49.015	ug/L	99
54) o-xylene	9.57	106	164027	51.055	ug/L	97
55) Styrene	9.58	104	280194	50.209	ug/L	97
56) Isopropylbenzene	9.95	105	448936	50.228	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	128225	47.084	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	114474	48.332	ug/L	99
61) Bromoform	9.75	173	82465	47.369	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	211934	46.928	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	211181	46.073	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	217560	48.325	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	35503	48.464	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	162620	47.802	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	143514	48.107	ug/L	99
69) Naphthalene	13.52	128	436690	52.418	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	149955	49.417	ug/L	99

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

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