

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091420\
 Data File : VV018212.D
 Acq On : 14 Sep 2020 18:50
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Sep 15 05:29:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 05:21:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280581	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151984	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92068	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.58	69	85425	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	198092	46.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.52%
21) 2-Butanone-d5	3.92	46	151629	107.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.26%
24) Chloroform-d	4.38	84	201995	50.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.82%
26) 1,2-Dichloroethane-d4	5.06	65	129055	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
32) Benzene-d6	5.08	84	386124	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
36) 1,2-Dichloropropane-d6	6.10	67	125324	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.20%
41) Toluene-d8	7.34	98	359041	49.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.10%
43) trans-1,3-Dichloropropene-	7.64	79	63991	49.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.68%
47) 2-Hexanone-d5	8.11	63	116498	120.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177604	55.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	153854	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	109731	53.100	ug/L 100
3) Chloromethane	1.25	50	123823	54.874	ug/L 99
5) Vinyl chloride	1.32	62	124894	53.975	ug/L 100
6) Bromomethane	1.53	94	77328	54.675	ug/L 98
8) Chloroethane	1.60	64	77809	53.679	ug/L 99
9) Trichlorofluoromethane	1.77	101	175056	54.985	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	104161	54.467	ug/L 99
12) 1,1-Dichloroethene	2.14	96	101732	54.672	ug/L 95
13) Acetone	2.20	43	106766	94.318	ug/L 99
14) Carbon disulfide	2.31	76	300186	52.721	ug/L 100
15) Methyl Acetate	2.45	43	110457	54.297	ug/L 98
16) Methylene chloride	2.53	84	115622	55.404	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	105313	54.917	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	320905	54.097	ug/L 99
19) 1,1-Dichloroethane	3.21	63	196347	54.153	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	112646	54.951	ug/L 97
22) 2-Butanone	4.00	43	149393	111.452	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	58797	54.820	ug/L	99
25) Chloroform	4.41	83	199142	54.033	ug/L	100
27) 1,2-Dichloroethane	5.16	62	157875	55.333	ug/L	99
29) Cyclohexane	4.71	56	175144	54.057	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	176495	54.202	ug/L	100
31) Carbon tetrachloride	4.86	117	155350	54.257	ug/L	100
33) Benzene	5.13	78	438143	54.617	ug/L	100
34) Trichloroethene	5.94	95	110598	50.609	ug/L	99
35) Methylcyclohexane	6.16	83	178227	54.167	ug/L	99
37) 1,2-Dichloropropane	6.20	63	115787	54.468	ug/L	100
38) Bromodichloromethane	6.53	83	149397	54.005	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	173643	53.016	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	292849	113.555	ug/L	100
42) Toluene	7.41	91	473451	55.768	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	174977	54.868	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	109081	55.362	ug/L	100
46) Tetrachloroethene	8.00	164	93381	54.499	ug/L	99
48) 2-Hexanone	8.16	43	225972	111.143	ug/L	99
49) Dibromochloromethane	8.27	129	121089	54.751	ug/L	100
50) 1,2-Dibromoethane	8.37	107	114514	55.223	ug/L	99
51) Chlorobenzene	8.90	112	301494	54.684	ug/L	100
52) Ethylbenzene	9.03	91	518489	55.941	ug/L	99
53) m,p-Xylene	9.16	106	195131	56.404	ug/L	98
54) o-xylene	9.56	106	188253	56.484	ug/L	100
55) Styrene	9.58	104	335176	57.859	ug/L	99
56) Isopropylbenzene	9.95	105	513048	57.117	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	175157	60.097	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	140087	56.028	ug/L	100
61) Bromoform	9.75	173	91275	55.903	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	249397	55.184	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	255776	55.061	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	247710	54.227	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	38305	59.423	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	192429	54.010	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	178334	56.209	ug/L	99
69) Naphthalene	13.52	128	523424	65.200	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	181709	58.149	ug/L	100

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

