

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018039.D
 Acq On : 17 Aug 2020 20:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Aug 18 01:29:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	277649	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149668	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91517	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.06%
7) Chloroethane-d5	1.58	69	79205	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.12	63	187375	46.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.12%
21) 2-Butanone-d5	3.91	46	133425	95.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.79%
24) Chloroform-d	4.38	84	182341	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	117691	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
32) Benzene-d6	5.07	84	347039	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
36) 1,2-Dichloropropane-d6	6.09	67	112951	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.30%
41) Toluene-d8	7.34	98	321843	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%
43) trans-1,3-Dichloropropene-	7.64	79	55067	48.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.06%
47) 2-Hexanone-d5	8.11	63	76826	95.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149992	46.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	133822	45.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.86%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95821	44.528	ug/L 99
3) Chloromethane	1.25	50	111792	44.721	ug/L 98
5) Vinyl chloride	1.32	62	113837	45.962	ug/L 97
6) Bromomethane	1.53	94	63649	42.998	ug/L 97
8) Chloroethane	1.60	64	74498	47.126	ug/L 100
9) Trichlorofluoromethane	1.77	101	161819	45.738	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	91075	46.104	ug/L 99
12) 1,1-Dichloroethene	2.13	96	88413	47.286	ug/L 98
13) Acetone	2.19	43	107547	74.752	ug/L 98
14) Carbon disulfide	2.31	76	248641	48.316	ug/L 100
15) Methyl Acetate	2.45	43	113707	48.974	ug/L 100
16) Methylene chloride	2.52	84	107522	45.139	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	92073	47.905	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	307170	48.325	ug/L 100
19) 1,1-Dichloroethane	3.21	63	185808	48.079	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	103381	48.947	ug/L 100
22) 2-Butanone	3.99	43	154076	95.461	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	54709	49.584	ug/L	95
25) Chloroform	4.40	83	190884	48.425	ug/L	99
27) 1,2-Dichloroethane	5.15	62	151324	48.231	ug/L	99
29) Cyclohexane	4.70	56	154081	45.980	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	161742	47.537	ug/L	100
31) Carbon tetrachloride	4.86	117	135524	47.847	ug/L	100
33) Benzene	5.13	78	405905	47.253	ug/L	100
34) Trichloroethene	5.94	95	106438	46.877	ug/L	98
35) Methylcyclohexane	6.15	83	152488	45.164	ug/L	100
37) 1,2-Dichloropropane	6.20	63	111601	47.640	ug/L	100
38) Bromodichloromethane	6.53	83	140828	48.398	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	162431	48.911	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	299645	97.847	ug/L	99
42) Toluene	7.41	91	430598	48.039	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	158440	50.284	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	102156	47.089	ug/L	100
46) Tetrachloroethene	8.00	164	80456	48.315	ug/L	98
48) 2-Hexanone	8.16	43	233456	94.537	ug/L	100
49) Dibromochloromethane	8.27	129	106853	50.461	ug/L	100
50) 1,2-Dibromoethane	8.37	107	107416	47.856	ug/L	98
51) Chlorobenzene	8.90	112	277073	48.062	ug/L	98
52) Ethylbenzene	9.03	91	473082	48.405	ug/L	100
53) m,p-Xylene	9.16	106	175886	48.930	ug/L	100
54) o-xylene	9.57	106	171561	48.296	ug/L	99
55) Styrene	9.58	104	308981	50.791	ug/L	97
56) Isopropylbenzene	9.95	105	460914	49.183	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	157678	46.675	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	135611	46.874	ug/L	100
61) Bromoform	9.75	173	74216	52.406	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	225166	47.310	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	232778	47.611	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	228459	46.637	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	34422	47.692	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	172698	47.767	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	161461	50.795	ug/L	99
69) Naphthalene	13.52	128	459686	52.468	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	167420	51.792	ug/L	99

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

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