

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081820\
 Data File : VV018054.D
 Acq On : 18 Aug 2020 16:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Aug 19 07:57:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 19 07:54:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266930	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	264733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145541	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89283	43.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.68%
7) Chloroethane-d5	1.58	69	77237	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.70%
11) 1,1-Dichloroethene-d2	2.12	63	180592	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
21) 2-Butanone-d5	3.91	46	127364	95.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	4.37	84	175998	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
26) 1,2-Dichloroethane-d4	5.05	65	114839	47.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.38%
32) Benzene-d6	5.07	84	335795	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
36) 1,2-Dichloropropane-d6	6.09	67	109318	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.66%
41) Toluene-d8	7.33	98	307275	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%
43) trans-1,3-Dichloropropene-	7.64	79	53568	49.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.04%
47) 2-Hexanone-d5	8.11	63	71261	93.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.10%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	143864	46.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	131240	45.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.64%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	97648	47.384	ug/L 100
3) Chloromethane	1.25	50	111339	46.510	ug/L 97
5) Vinyl chloride	1.32	62	113639	47.912	ug/L 98
6) Bromomethane	1.53	94	65023	45.869	ug/L 100
8) Chloroethane	1.60	64	73854	48.786	ug/L 99
9) Trichlorofluoromethane	1.76	101	162423	47.940	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	94597	50.005	ug/L 99
12) 1,1-Dichloroethene	2.13	96	88399	49.370	ug/L 93
13) Acetone	2.19	43	144830	105.118	ug/L 99
14) Carbon disulfide	2.31	76	243131	49.335	ug/L 100
15) Methyl Acetate	2.45	43	106719	47.997	ug/L 99
16) Methylene chloride	2.52	84	103829	45.516	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	90886	49.379	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	303684	49.889	ug/L 100
19) 1,1-Dichloroethane	3.21	63	181432	49.023	ug/L 100
20) cis-1,2-Dichloroethene	3.93	96	101202	50.035	ug/L 100
22) 2-Butanone	3.99	43	160541	103.866	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52233	49.434	ug/L	97
25) Chloroform	4.40	83	186617	49.437	ug/L	99
27) 1,2-Dichloroethane	5.15	62	146576	48.784	ug/L	98
29) Cyclohexane	4.70	56	155773	48.753	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	157124	48.433	ug/L	99
31) Carbon tetrachloride	4.85	117	134619	49.846	ug/L	99
33) Benzene	5.12	78	396618	48.425	ug/L	100
34) Trichloroethene	5.93	95	105525	48.742	ug/L	98
35) Methylcyclohexane	6.15	83	157670	48.977	ug/L	100
37) 1,2-Dichloropropane	6.19	63	106349	47.613	ug/L	99
38) Bromodichloromethane	6.53	83	135554	48.859	ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	161164	50.898	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	280288	95.992	ug/L	100
42) Toluene	7.41	91	421045	49.265	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	157770	52.514	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	99305	48.008	ug/L	99
46) Tetrachloroethene	7.99	164	81390	51.261	ug/L	99
48) 2-Hexanone	8.15	43	231481	98.311	ug/L	100
49) Dibromochloromethane	8.26	129	104418	51.717	ug/L	98
50) 1,2-Dibromoethane	8.37	107	104798	48.968	ug/L	97
51) Chlorobenzene	8.90	112	272868	49.642	ug/L	98
52) Ethylbenzene	9.03	91	465430	49.945	ug/L	100
53) m,p-Xylene	9.16	106	173437	50.603	ug/L	99
54) o-xylene	9.56	106	169082	49.920	ug/L	98
55) Styrene	9.58	104	300322	51.777	ug/L	99
56) Isopropylbenzene	9.95	105	458490	51.312	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	150344	46.675	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	130207	47.201	ug/L	100
61) Bromoform	9.75	173	71497	51.918	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	226990	49.046	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	232667	48.937	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	228587	47.986	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	32249	45.948	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	178617	50.805	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	165165	53.434	ug/L	100
69) Naphthalene	13.52	128	436244	51.204	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	166758	53.050	ug/L	99

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

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