

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082420\
 Data File : VV018087.D
 Acq On : 24 Aug 2020 15:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Aug 25 01:13:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	273550	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146914	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96878	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.84%
7) Chloroethane-d5	1.58	69	82171	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.24%
11) 1,1-Dichloroethene-d2	2.12	63	190266	47.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.32%
21) 2-Butanone-d5	3.91	46	131495	96.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.19%
24) Chloroform-d	4.38	84	183616	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.06	65	120323	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.52%
32) Benzene-d6	5.08	84	363002	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.09	67	115429	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.70%
41) Toluene-d8	7.34	98	335742	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.64	79	57871	52.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.80%
47) 2-Hexanone-d5	8.11	63	77438	100.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153132	48.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	137975	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	89222	42.247	ug/L 99
3) Chloromethane	1.25	50	104851	42.739	ug/L 99
5) Vinyl chloride	1.32	62	109683	45.125	ug/L 99
6) Bromomethane	1.53	94	63585	43.769	ug/L 97
8) Chloroethane	1.59	64	70973	45.748	ug/L 97
9) Trichlorofluoromethane	1.76	101	157557	45.378	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	91578	47.238	ug/L 98
12) 1,1-Dichloroethene	2.13	96	87415	47.639	ug/L 98
13) Acetone	2.19	43	135061	95.655	ug/L 100
14) Carbon disulfide	2.31	76	231279	45.794	ug/L 100
15) Methyl Acetate	2.45	43	107868	47.340	ug/L 100
16) Methylene chloride	2.52	84	102762	43.958	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	89719	47.565	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	302743	48.531	ug/L 99
19) 1,1-Dichloroethane	3.21	63	182984	48.246	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	102945	49.665	ug/L 96
22) 2-Butanone	3.99	43	160728	101.471	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	54040	49.906	ug/L	96
25) Chloroform	4.40	83	189482	48.981	ug/L	100
27) 1,2-Dichloroethane	5.15	62	147943	48.047	ug/L	98
29) Cyclohexane	4.70	56	147375	45.612	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	159408	48.591	ug/L	98
31) Carbon tetrachloride	4.86	117	135820	49.732	ug/L	100
33) Benzene	5.13	78	396431	47.864	ug/L	100
34) Trichloroethene	5.94	95	103797	47.411	ug/L	99
35) Methylcyclohexane	6.15	83	149800	46.015	ug/L	99
37) 1,2-Dichloropropane	6.20	63	109440	48.452	ug/L	100
38) Bromodichloromethane	6.53	83	138622	49.409	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	165746	51.763	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	288812	97.812	ug/L	100
42) Toluene	7.41	91	424612	49.130	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	160968	52.983	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	102394	48.951	ug/L	99
46) Tetrachloroethene	8.00	164	80402	50.075	ug/L	97
48) 2-Hexanone	8.16	43	233128	97.910	ug/L	100
49) Dibromochloromethane	8.27	129	111730	54.723	ug/L	99
50) 1,2-Dibromoethane	8.37	107	106201	49.072	ug/L	97
51) Chlorobenzene	8.90	112	272897	49.096	ug/L	99
52) Ethylbenzene	9.03	91	468263	49.691	ug/L	100
53) m,p-Xylene	9.16	106	175135	50.530	ug/L	97
54) o-xylene	9.57	106	169800	49.575	ug/L	98
55) Styrene	9.58	104	307260	52.384	ug/L	99
56) Isopropylbenzene	9.95	105	463654	51.313	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	158200	48.568	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	133909	48.004	ug/L	100
61) Bromoform	9.75	173	81249	58.448	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	228780	48.971	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	233448	48.643	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	229700	47.769	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	34387	48.536	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	179658	50.623	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	163970	52.552	ug/L	99
69) Naphthalene	13.52	128	451864	52.542	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	169718	53.487	ug/L	100

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

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