

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017959.D
 Acq On : 13 Aug 2020 05:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Quant Time: Aug 13 06:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	263266	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262277	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138374	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95293	47.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.88%
7) Chloroethane-d5	1.58	69	82401	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.28%
11) 1,1-Dichloroethene-d2	2.12	63	190408	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.12%
21) 2-Butanone-d5	3.91	46	127624	97.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.01%
24) Chloroform-d	4.38	84	185484	50.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.46%
26) 1,2-Dichloroethane-d4	5.06	65	120449	50.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.44%
32) Benzene-d6	5.08	84	353141	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
36) 1,2-Dichloropropane-d6	6.10	67	116150	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.30%
41) Toluene-d8	7.34	98	327412	50.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.74%
43) trans-1,3-Dichloropropene-	7.64	79	46830	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
47) 2-Hexanone-d5	8.11	63	73638	97.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	152820	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	132184	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	96665	47.560	ug/L 100
3) Chloromethane	1.25	50	102473	43.402	ug/L 98
5) Vinyl chloride	1.32	62	115371	49.319	ug/L 95
6) Bromomethane	1.53	94	33763	24.149	ug/L 99
8) Chloroethane	1.60	64	75457	50.538	ug/L 99
9) Trichlorofluoromethane	1.77	101	159884	47.847	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	88465	47.414	ug/L 99
12) 1,1-Dichloroethene	2.13	96	89703	50.795	ug/L 99
13) Acetone	2.19	43	95233	70.082	ug/L 98
14) Carbon disulfide	2.31	76	243029	50.001	ug/L 100
15) Methyl Acetate	2.45	43	109128	49.763	ug/L 100
16) Methylene chloride	2.52	84	103788	46.131	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	92550	50.983	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	302905	50.454	ug/L 99
19) 1,1-Dichloroethane	3.21	63	186534	51.103	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	103493	51.880	ug/L 97
22) 2-Butanone	3.99	43	145350	95.347	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	53517	51.354	ug/L	97
25) Chloroform	4.40	83	187142	50.266	ug/L	99
27) 1,2-Dichloroethane	5.15	62	152495	51.460	ug/L	99
29) Cyclohexane	4.70	56	151920	47.993	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	159959	49.769	ug/L	99
31) Carbon tetrachloride	4.86	117	130472	48.763	ug/L	100
33) Benzene	5.13	78	404267	49.821	ug/L	100
34) Trichloroethene	5.94	95	103634	48.317	ug/L	99
35) Methylcyclohexane	6.16	83	148570	46.583	ug/L	99
37) 1,2-Dichloropropane	6.20	63	110883	50.107	ug/L	99
38) Bromodichloromethane	6.53	83	133756	48.662	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	135033	43.044	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	288519	99.736	ug/L	99
42) Toluene	7.41	91	427081	50.439	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	129895	43.641	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	100953	49.262	ug/L	99
46) Tetrachloroethene	8.00	164	77222	49.091	ug/L	98
48) 2-Hexanone	8.16	43	225276	96.571	ug/L	99
49) Dibromochloromethane	8.27	129	93234	46.610	ug/L	98
50) 1,2-Dibromoethane	8.37	107	105270	49.649	ug/L	98
51) Chlorobenzene	8.90	112	269531	49.494	ug/L	99
52) Ethylbenzene	9.03	91	463310	50.184	ug/L	99
53) m,p-Xylene	9.16	106	173033	50.958	ug/L	98
54) o-xylene	9.56	106	167423	49.893	ug/L	100
55) Styrene	9.58	104	301634	52.490	ug/L	98
56) Isopropylbenzene	9.95	105	444792	50.245	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	160608	50.328	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	134306	49.143	ug/L	100
61) Bromoform	9.75	173	53437	40.813	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	215774	49.037	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	222118	49.138	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	221139	48.827	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	31037	46.512	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	162381	48.579	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	151308	51.486	ug/L	99
69) Naphthalene	13.52	128	438728	54.163	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	157125	52.574	ug/L	99

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

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