

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
 Data File : VV017984.D
 Acq On : 14 Aug 2020 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Aug 17 01:18:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 16:50:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254905	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256984	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138538	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98921	50.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.72%
7) Chloroethane-d5	1.58	69	81579	51.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.54%
11) 1,1-Dichloroethene-d2	2.12	63	189182	50.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.70%
21) 2-Butanone-d5	3.91	46	115335	90.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.54%
24) Chloroform-d	4.37	84	176428	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.66%
26) 1,2-Dichloroethane-d4	5.05	65	116841	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
32) Benzene-d6	5.07	84	349263	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.09	67	110373	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.34%
41) Toluene-d8	7.33	98	323026	50.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.44%
43) trans-1,3-Dichloropropene-	7.64	79	53165	50.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.24%
47) 2-Hexanone-d5	8.11	63	66199	89.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	141024	46.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	129082	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95890	48.726	ug/L 100
3) Chloromethane	1.25	50	102424	44.804	ug/L 100
5) Vinyl chloride	1.32	62	109387	48.295	ug/L 98
6) Bromomethane	1.53	94	53422	39.463	ug/L 99
8) Chloroethane	1.60	64	70767	48.952	ug/L 100
9) Trichlorofluoromethane	1.77	101	157156	48.573	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	92718	51.324	ug/L 99
12) 1,1-Dichloroethene	2.13	96	84267	49.282	ug/L 98
13) Acetone	2.19	43	155331	118.058	ug/L 100
14) Carbon disulfide	2.31	76	239602	50.913	ug/L 99
15) Methyl Acetate	2.44	43	98742	46.504	ug/L 100
16) Methylene chloride	2.52	84	97934	44.957	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	86890	49.435	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	282426	48.586	ug/L 99
19) 1,1-Dichloroethane	3.21	63	173901	49.205	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	96302	49.858	ug/L 100
22) 2-Butanone	3.99	43	162045	109.785	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	50870	50.415	uq/L	98
25) Chloroform	4.40	83	181643	50.389	uq/L	99
27) 1,2-Dichloroethane	5.15	62	141329	49.256	uq/L	99
29) Cyclohexane	4.70	56	147766	47.642	uq/L	99
30) 1,1,1-Trichloroethane	4.63	97	150164	47.683	uq/L	99
31) Carbon tetrachloride	4.85	117	128947	49.186	uq/L	100
33) Benzene	5.12	78	377177	47.440	uq/L	100
34) Trichloroethene	5.94	95	98889	47.054	uq/L	99
35) Methylcyclohexane	6.15	83	150656	48.210	uq/L	98
37) 1,2-Dichloropropane	6.20	63	103084	47.543	uq/L	100
38) Bromodichloromethane	6.53	83	130179	48.336	uq/L	98
39) cis-1,3-Dichloropropene	7.05	75	149892	48.765	uq/L	99
40) 4-Methyl-2-pentanone	7.24	43	261961	92.421	uq/L	99
42) Toluene	7.41	91	400796	48.310	uq/L	100
44) trans-1,3-Dichloropropene	7.67	75	148406	50.887	uq/L	99
45) 1,1,2-Trichloroethane	7.86	97	95163	47.393	uq/L	98
46) Tetrachloroethene	8.00	164	77246	50.118	uq/L	98
48) 2-Hexanone	8.16	43	229964	100.612	uq/L	100
49) Dibromochloromethane	8.27	129	99050	50.537	uq/L	99
50) 1,2-Dibromoethane	8.37	107	98220	47.278	uq/L	97
51) Chlorobenzene	8.90	112	256205	48.016	uq/L	99
52) Ethylbenzene	9.03	91	440980	48.749	uq/L	100
53) m,p-Xylene	9.16	106	165629	49.782	uq/L	98
54) o-xylene	9.56	106	158457	48.194	uq/L	100
55) Styrene	9.58	104	286501	50.883	uq/L	97
56) Isopropylbenzene	9.95	105	425873	49.098	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	144473	46.205	uq/L	98
59) 1,2,3-Trichloropropane	10.30	75	121469	45.362	uq/L	100
61) Bromoform	9.75	173	64940	49.540	uq/L	98
62) 1,3-Dichlorobenzene	11.20	146	212427	48.219	uq/L	99
63) 1,4-Dichlorobenzene	11.29	146	217509	48.062	uq/L	98
65) 1,2-Dichlorobenzene	11.67	146	211057	46.546	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	29796	44.599	uq/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	165047	49.318	uq/L	100
68) 1,2,4-trichlorobenzene	13.28	180	149728	50.888	uq/L	100
69) Naphthalene	13.52	128	405771	50.035	uq/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	156164	52.191	uq/L	100

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

