

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019593.D
 Acq On : 13 Dec 2020 06:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05086

Quant Time: Dec 13 09:19:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	583397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	536419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	250400	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	175059	41.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.70%
7) Chloroethane-d5	1.57	69	156356	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.78%
11) 1,1-Dichloroethene-d2	2.11	63	346574	44.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.28%
21) 2-Butanone-d5	3.90	46	276319	121.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.52%
24) Chloroform-d	4.35	84	379690	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	5.04	65	260361	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.68%
32) Benzene-d6	5.05	84	685510	47.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.84%
36) 1,2-Dichloropropane-d6	6.07	67	231263	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.20%
41) Toluene-d8	7.32	98	580779	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%
43) trans-1,3-Dichloropropene-	7.62	79	115421	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.56%
47) 2-Hexanone-d5	8.09	63	202139	114.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.92%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	331455	54.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.36%
64) 1,2-Dichlorobenzene-d4	11.63	152	225578	48.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.38%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	210615	44.735	ug/L 99
3) Chloromethane	1.24	50	268161	53.585	ug/L 99
5) Vinyl chloride	1.31	62	253629	50.527	ug/L 99
6) Bromomethane	1.52	94	160800	53.342	ug/L 99
8) Chloroethane	1.59	64	161595	53.371	ug/L 99
9) Trichlorofluoromethane	1.76	101	284169	46.335	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	148254	43.773	ug/L 98
12) 1,1-Dichloroethene	2.12	96	169619	48.804	ug/L 86
13) Acetone	2.19	43	231625	119.573	ug/L 100
14) Carbon disulfide	2.30	76	505418	44.258	ug/L 100
15) Methyl Acetate	2.44	43	252042	59.720	ug/L 100
16) Methylene chloride	2.51	84	221324	54.314	ug/L 98
17) trans-1,2-Dichloroethene	2.76	96	190026	49.883	ug/L 100
18) Methyl tert-butyl Ether	2.77	73	736685	55.343	ug/L 99
19) 1,1-Dichloroethane	3.19	63	393008	53.214	ug/L 99
20) cis-1,2-Dichloroethene	3.92	96	219902	52.511	ug/L # 97
22) 2-Butanone	3.98	43	360995	127.046	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	109477	53.132	uq/L	99
25) Chloroform	4.38	83	395082	53.563	uq/L	100
27) 1,2-Dichloroethane	5.14	62	341514	55.888	uq/L	99
29) Cyclohexane	4.68	56	281417	42.805	uq/L	99
30) 1,1,1-Trichloroethane	4.61	97	327737	48.727	uq/L	99
31) Carbon tetrachloride	4.83	117	255699	45.033	uq/L	99
33) Benzene	5.10	78	817567	52.150	uq/L	100
34) Trichloroethene	5.92	95	200300	48.366	uq/L	99
35) Methylcyclohexane	6.14	83	267651	42.542	uq/L	100
37) 1,2-Dichloropropane	6.18	63	226913	55.425	uq/L	100
38) Bromodichloromethane	6.51	83	303775	53.062	uq/L	99
39) cis-1,3-Dichloropropene	7.03	75	350718	51.578	uq/L	98
40) 4-Methyl-2-pentanone	7.23	43	710868	120.351	uq/L	99
42) Toluene	7.39	91	808103	48.907	uq/L	100
44) trans-1,3-Dichloropropene	7.65	75	340268	49.421	uq/L	98
45) 1,1,2-Trichloroethane	7.84	97	214654	55.211	uq/L	99
46) Tetrachloroethene	7.98	164	126464	44.132	uq/L	96
48) 2-Hexanone	8.14	43	541008	120.712	uq/L	98
49) Dibromochloromethane	8.25	129	221354	51.989	uq/L	100
50) 1,2-Dibromoethane	8.35	107	223824	54.670	uq/L	99
51) Chlorobenzene	8.88	112	514543	48.757	uq/L	100
52) Ethylbenzene	9.02	91	881313	46.815	uq/L	100
53) m,p-Xylene	9.14	106	324490	46.137	uq/L	98
54) o-xylene	9.55	106	331764	48.126	uq/L	98
55) Styrene	9.56	104	584624	48.658	uq/L	99
56) Isopropylbenzene	9.93	105	832517	45.331	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.24	83	348685	55.770	uq/L	99
59) 1,2,3-Trichloropropane	10.28	75	293472	57.629	uq/L	100
61) Bromoform	9.73	173	145121	52.378	uq/L	99
62) 1,3-Dichlorobenzene	11.18	146	372590	48.498	uq/L	99
63) 1,4-Dichlorobenzene	11.28	146	376311	48.372	uq/L	99
65) 1,2-Dichlorobenzene	11.65	146	390019	51.377	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	90617	57.185	uq/L	90
67) 1,3,5-Trichlorobenzene	12.65	180	260279	47.952	uq/L	99
68) 1,2,4-trichlorobenzene	13.26	180	246882	48.645	uq/L	100
69) Naphthalene	13.50	128	983798	55.827	uq/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	258311	52.083	uq/L	99

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

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