

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018458.D
 Acq On : 25 Sep 2020 16:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Sep 25 23:46:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	403082	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	385342	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	202963	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151103	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	121557	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.12	63	269369	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
21) 2-Butanone-d5	3.92	46	185507	92.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.26%
24) Chloroform-d	4.38	84	257658	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.06	65	161081	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
32) Benzene-d6	5.08	84	527369	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
36) 1,2-Dichloropropane-d6	6.09	67	164209	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.70%
41) Toluene-d8	7.34	98	488490	48.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.18%
43) trans-1,3-Dichloropropene-	7.64	79	85287	47.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.76%
47) 2-Hexanone-d5	8.11	63	130261	98.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211026	47.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	198542	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	121694	41.403	ug/L 100
3) Chloromethane	1.25	50	139667	43.517	ug/L 99
5) Vinyl chloride	1.32	62	147078	44.689	ug/L 99
6) Bromomethane	1.53	94	95291	47.370	ug/L 100
8) Chloroethane	1.60	64	94600	45.885	ug/L 99
9) Trichlorofluoromethane	1.77	101	200851	44.355	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	126060	46.346	ug/L 100
12) 1,1-Dichloroethene	2.13	96	126175	47.674	ug/L 92
13) Acetone	2.20	43	120261	74.694	ug/L 100
14) Carbon disulfide	2.31	76	332592	41.068	ug/L 100
15) Methyl Acetate	2.45	43	136922	47.322	ug/L 97
16) Methylene chloride	2.52	84	141122	47.544	ug/L 95
17) trans-1,2-Dichloroethene	2.78	96	129767	47.577	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	426596	50.561	ug/L 99
19) 1,1-Dichloroethane	3.21	63	244720	47.454	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	147002	50.418	ug/L 96
22) 2-Butanone	4.00	43	185646	97.374	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	74485	48.826	ug/L	96
25) Chloroform	4.40	83	248078	47.324	ug/L	99
27) 1,2-Dichloroethane	5.15	62	188011	46.329	ug/L	98
29) Cyclohexane	4.70	56	211155	47.454	ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	216534	48.420	ug/L	99
31) Carbon tetrachloride	4.86	117	184689	46.967	ug/L	98
33) Benzene	5.13	78	551840	50.088	ug/L	100
34) Trichloroethene	5.94	95	149813	49.917	ug/L	98
35) Methylcyclohexane	6.16	83	202552	44.824	ug/L	97
37) 1,2-Dichloropropane	6.20	63	142867	48.936	ug/L	99
38) Bromodichloromethane	6.53	83	182388	48.007	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	229725	51.070	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	366475	103.471	ug/L	97
42) Toluene	7.41	91	592356	50.805	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	219819	50.190	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	137756	50.908	ug/L	99
46) Tetrachloroethene	8.00	164	114981	48.861	ug/L	98
48) 2-Hexanone	8.16	43	276386	98.982	ug/L	96
49) Dibromochloromethane	8.27	129	149924	49.359	ug/L	99
50) 1,2-Dibromoethane	8.37	107	145694	51.158	ug/L	99
51) Chlorobenzene	8.90	112	384055	50.721	ug/L	98
52) Ethylbenzene	9.03	91	650098	51.071	ug/L	99
53) m,p-Xylene	9.16	106	246706	51.925	ug/L	95
54) o-xylene	9.56	106	241696	52.803	ug/L	98
55) Styrene	9.58	104	422951	53.162	ug/L	99
56) Isopropylbenzene	9.95	105	636419	51.590	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	205463	51.330	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	173535	50.537	ug/L	99
61) Bromoform	9.75	173	111435	51.108	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	310640	51.471	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	315369	50.838	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	309225	50.690	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	45213	52.522	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	213896	44.956	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	207669	49.014	ug/L	98
69) Naphthalene	13.52	128	646600	60.313	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	205741	49.302	ug/L	100

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

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