

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018999.D
 Acq On : 20 Oct 2020 05:06
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Oct 20 06:55:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	335988	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176895	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86868	31.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.82%
7) Chloroethane-d5	1.58	69	79843	36.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.88%
11) 1,1-Dichloroethene-d2	2.12	63	202855	38.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.70%
21) 2-Butanone-d5	3.91	46	189326	98.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.21%
24) Chloroform-d	4.37	84	215540	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
26) 1,2-Dichloroethane-d4	5.05	65	142374	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.34%
32) Benzene-d6	5.07	84	394173	41.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.56%
36) 1,2-Dichloropropane-d6	6.09	67	134215	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.92%
41) Toluene-d8	7.34	98	362249	42.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.58%
43) trans-1,3-Dichloropropene-	7.64	79	60580	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.18%
47) 2-Hexanone-d5	8.11	63	113625	100.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.18%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	171726	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	152888	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	128690	44.234	ug/L	99
3) Chloromethane	1.25	50	145148	44.237	ug/L	100
5) Vinyl chloride	1.32	62	147026	46.362	ug/L	99
6) Bromomethane	1.53	94	87234	45.086	ug/L	99
8) Chloroethane	1.59	64	91840	48.286	ug/L	100
9) Trichlorofluoromethane	1.76	101	202848	48.461	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	107252	49.207	ug/L	99
12) 1,1-Dichloroethene	2.13	96	107102	48.488	ug/L	89
13) Acetone	2.19	43	129130	91.668	ug/L	99
14) Carbon disulfide	2.31	76	335984	44.647	ug/L	100
15) Methyl Acetate	2.44	43	146021	50.461	ug/L	98
16) Methylene chloride	2.52	84	128732	48.581	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	116611	47.558	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	373694	48.237	ug/L	100
19) 1,1-Dichloroethane	3.21	63	234397	49.138	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	128360	49.393	ug/L	98
22) 2-Butanone	3.99	43	196057	102.362	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	66338	49.427	ug/L	96
25) Chloroform	4.40	83	238186	49.655	ug/L	97
27) 1,2-Dichloroethane	5.15	62	191255	48.809	ug/L	100
29) Cyclohexane	4.70	56	200375	51.547	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	203363	50.105	ug/L	99
31) Carbon tetrachloride	4.86	117	174767	50.592	ug/L	100
33) Benzene	5.13	78	504330	50.297	ug/L	100
34) Trichloroethene	5.94	95	141702	49.006	ug/L	98
35) Methylcyclohexane	6.15	83	176081	50.281	ug/L	99
37) 1,2-Dichloropropane	6.20	63	139105	51.823	ug/L	99
38) Bromodichloromethane	6.53	83	172983	50.265	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	190620	47.261	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	390811	105.577	ug/L	100
42) Toluene	7.41	91	531944	51.365	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	190556	48.754	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	120393	48.219	ug/L	99
46) Tetrachloroethene	8.00	164	96838	47.521	ug/L	96
48) 2-Hexanone	8.16	43	300911	102.525	ug/L	100
49) Dibromochloromethane	8.27	129	131343	49.688	ug/L	100
50) 1,2-Dibromoethane	8.37	107	126189	48.496	ug/L	100
51) Chlorobenzene	8.90	112	330323	48.924	ug/L	99
52) Ethylbenzene	9.03	91	573444	51.151	ug/L	99
53) m,p-Xylene	9.16	106	214317	51.313	ug/L	99
54) o-xylene	9.56	106	206685	51.725	ug/L	98
55) Styrene	9.58	104	375796	53.469	ug/L	97
56) Isopropylbenzene	9.95	105	549907	52.422	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	169985	50.139	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	163164	50.218	ug/L	99
61) Bromoform	9.75	173	94331	48.816	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	267940	48.860	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	273193	47.384	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	265659	48.015	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	38236	46.374	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	174839	47.462	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	154121	45.404	ug/L	100
69) Naphthalene	13.52	128	468318	48.615	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	161950	47.730	ug/L	100

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

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