

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018171.D
 Acq On : 10 Sep 2020 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Sep 11 01:26:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 03:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	302422	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	162957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113978	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.58	69	96494	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.70%
11) 1,1-Dichloroethene-d2	2.12	63	218347	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.60%
21) 2-Butanone-d5	3.91	46	158042	104.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	4.37	84	210192	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.30%
26) 1,2-Dichloroethane-d4	5.05	65	135876	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
32) Benzene-d6	5.07	84	414016	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
36) 1,2-Dichloropropane-d6	6.09	67	134682	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.20%
41) Toluene-d8	7.33	98	387367	50.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.48%
43) trans-1,3-Dichloropropene-	7.64	79	68724	50.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.62%
47) 2-Hexanone-d5	8.11	63	110925	108.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174350	51.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	164351	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	116259	52.720	ug/L 100
3) Chloromethane	1.25	50	123270	51.192	ug/L 100
5) Vinyl chloride	1.32	62	128674	52.110	ug/L 98
6) Bromomethane	1.53	94	77797	51.546	ug/L 97
8) Chloroethane	1.60	64	79322	51.280	ug/L 99
9) Trichlorofluoromethane	1.77	101	177563	52.264	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	108783	53.305	ug/L 100
12) 1,1-Dichloroethene	2.13	96	103998	52.374	ug/L 96
13) Acetone	2.19	43	157999	130.797	ug/L 98
14) Carbon disulfide	2.31	76	313991	51.676	ug/L 100
15) Methyl Acetate	2.45	43	113778	52.411	ug/L 99
16) Methylene chloride	2.52	84	114772	51.537	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	107059	52.316	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	342208	54.059	ug/L 99
19) 1,1-Dichloroethane	3.21	63	200644	51.857	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	117184	53.568	ug/L 97
22) 2-Butanone	3.99	43	182808	127.801	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	61136	53.415	ug/L	96
25) Chloroform	4.40	83	208343	52.973	ug/L	100
27) 1,2-Dichloroethane	5.15	62	162312	53.309	ug/L	99
29) Cyclohexane	4.70	56	184392	54.031	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	179249	52.261	ug/L	99
31) Carbon tetrachloride	4.85	117	157631	52.267	ug/L	98
33) Benzene	5.12	78	448565	53.086	ug/L	100
34) Trichloroethene	5.94	95	121095	52.608	ug/L	99
35) Methylcyclohexane	6.15	83	189889	54.790	ug/L	100
37) 1,2-Dichloropropane	6.20	63	118836	53.073	ug/L	100
38) Bromodichloromethane	6.53	83	154470	53.013	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	187258	54.279	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	299980	110.433	ug/L	100
42) Toluene	7.41	91	480903	53.779	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	182672	54.382	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	111096	53.531	ug/L	99
46) Tetrachloroethene	8.00	164	96724	53.592	ug/L	99
48) 2-Hexanone	8.16	43	253276	118.267	ug/L	99
49) Dibromochloromethane	8.27	129	124892	53.612	ug/L	99
50) 1,2-Dibromoethane	8.37	107	117583	53.833	ug/L	100
51) Chlorobenzene	8.90	112	307803	53.002	ug/L	99
52) Ethylbenzene	9.03	91	532287	54.522	ug/L	99
53) m,p-Xylene	9.16	106	201140	55.198	ug/L	98
54) o-xylene	9.56	106	194633	55.442	ug/L	100
55) Styrene	9.58	104	344760	56.502	ug/L	99
56) Isopropylbenzene	9.95	105	523513	55.332	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166058	54.091	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	141553	53.749	ug/L	99
61) Bromoform	9.75	173	91945	52.521	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	262384	54.148	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	266297	53.466	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	260789	53.246	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	36615	52.976	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	212949	55.745	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	194530	57.185	ug/L	99
69) Naphthalene	13.52	128	515037	59.835	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	192715	57.518	ug/L	100

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

