

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018771.D
 Acq On : 08 Oct 2020 17:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Oct 09 07:19:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	378382	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339044	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	194704	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139425	62.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.66%
7) Chloroethane-d5	1.58	69	113722	61.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.96%
11) 1,1-Dichloroethene-d2	2.12	63	272688	60.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.62%
21) 2-Butanone-d5	3.91	46	166099	100.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.37	84	244643	50.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.96%
26) 1,2-Dichloroethane-d4	5.05	65	168326	55.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.52%
32) Benzene-d6	5.07	84	485623	56.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.10%
36) 1,2-Dichloropropane-d6	6.09	67	163935	63.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.36%#
41) Toluene-d8	7.33	98	418468	51.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.60%
43) trans-1,3-Dichloropropene-	7.64	79	73704	52.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.16%
47) 2-Hexanone-d5	8.11	63	104241	105.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.77%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	166631	48.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	182771	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	104572	40.645	ug/L 99
3) Chloromethane	1.25	50	135151	49.094	ug/L 99
5) Vinyl chloride	1.32	62	142375	49.190	ug/L 99
6) Bromomethane	1.53	94	79981	40.601	ug/L 97
8) Chloroethane	1.60	64	94052	52.731	ug/L 95
9) Trichlorofluoromethane	1.77	101	211884	48.166	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	120254	48.842	ug/L 94
12) 1,1-Dichloroethene	2.13	96	111656	47.271	ug/L 82
13) Acetone	2.19	43	164487	115.018	ug/L 99
14) Carbon disulfide	2.31	76	329189	43.022	ug/L 99
15) Methyl Acetate	2.44	43	139011	50.455	ug/L 94
16) Methylene chloride	2.52	84	121821	42.971	ug/L 92
17) trans-1,2-Dichloroethene	2.78	96	111747	41.345	ug/L 93
18) Methyl tert-butyl Ether	2.78	73	373271	45.328	ug/L 97
19) 1,1-Dichloroethane	3.21	63	226239	47.806	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	123594	43.028	ug/L 87
22) 2-Butanone	3.99	43	189144	104.697	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	63643	40.292	uq/L	84
25) Chloroform	4.40	83	239386	47.906	uq/L	98
27) 1,2-Dichloroethane	5.15	62	206091	52.914	uq/L	97
29) Cyclohexane	4.70	56	210372	54.403	uq/L	92
30) 1,1,1-Trichloroethane	4.63	97	214330	50.921	uq/L	97
31) Carbon tetrachloride	4.85	117	182229	48.240	uq/L	100
33) Benzene	5.13	78	534082	53.619	uq/L	100
34) Trichloroethene	5.94	95	146821	50.773	uq/L	95
35) Methylcyclohexane	6.15	83	191224	49.020	uq/L	92
37) 1,2-Dichloropropane	6.20	63	148202	57.993	uq/L	98
38) Bromodichloromethane	6.53	83	182891	53.439	uq/L	100
39) cis-1,3-Dichloropropene	7.05	75	204705	51.055	uq/L	97
40) 4-Methyl-2-pentanone	7.24	43	351712	106.658	uq/L	96
42) Toluene	7.41	91	522126	48.456	uq/L	98
44) trans-1,3-Dichloropropene	7.67	75	204035	51.804	uq/L	99
45) 1,1,2-Trichloroethane	7.86	97	118590	46.877	uq/L	99
46) Tetrachloroethene	8.00	164	102002	43.479	uq/L	99
48) 2-Hexanone	8.16	43	286214	111.242	uq/L	94
49) Dibromochloromethane	8.27	129	131463	45.433	uq/L	99
50) 1,2-Dibromoethane	8.37	107	121871	45.309	uq/L	96
51) Chlorobenzene	8.90	112	334740	45.920	uq/L	94
52) Ethylbenzene	9.03	91	587929	48.857	uq/L	98
53) m,p-Xylene	9.16	106	216715	46.600	uq/L	97
54) o-xylene	9.56	106	207646	47.161	uq/L	96
55) Styrene	9.58	104	371764	48.492	uq/L	92
56) Isopropylbenzene	9.95	105	560772	47.490	uq/L	97
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166630	46.729	uq/L	100
59) 1,2,3-Trichloropropane	10.29	75	152591	49.089	uq/L	99
61) Bromoform	9.75	173	92178	41.215	uq/L	99
62) 1,3-Dichlorobenzene	11.20	146	291582	46.274	uq/L	98
63) 1,4-Dichlorobenzene	11.29	146	297201	45.803	uq/L	99
65) 1,2-Dichlorobenzene	11.66	146	295186	47.353	uq/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	38514	45.258	uq/L	87
67) 1,3,5-Trichlorobenzene	12.67	180	182044	41.707	uq/L	99
68) 1,2,4-trichlorobenzene	13.28	180	167760	41.304	uq/L	99
69) Naphthalene	13.52	128	495864	42.649	uq/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	169268	41.515	uq/L	98

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

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