

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102820\
 Data File : VV019132.D
 Acq On : 28 Oct 2020 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Oct 29 03:07:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 28 01:06:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	255666	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	251505	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142072	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87953	37.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.74%
7) Chloroethane-d5	1.58	69	73924	39.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.08%
11) 1,1-Dichloroethene-d2	2.12	63	189141	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
21) 2-Butanone-d5	3.90	46	123206	78.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.87%
24) Chloroform-d	4.37	84	187587	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
26) 1,2-Dichloroethane-d4	5.05	65	127429	46.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.32%
32) Benzene-d6	5.07	84	342264	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.09	67	103005	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.66%
41) Toluene-d8	7.33	98	323002	46.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.90%
43) trans-1,3-Dichloropropene-	7.64	79	59347	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
47) 2-Hexanone-d5	8.10	63	91617	84.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.55%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	137268	41.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	135529	45.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	94861	47.635	ug/L 100
3) Chloromethane	1.25	50	93529	37.764	ug/L 99
5) Vinyl chloride	1.32	62	96528	39.563	ug/L 100
6) Bromomethane	1.53	94	62763	44.958	ug/L 97
8) Chloroethane	1.60	64	62492	40.843	ug/L 100
9) Trichlorofluoromethane	1.76	101	165065	51.435	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	83106	48.693	ug/L 94
12) 1,1-Dichloroethene	2.13	96	78428	45.928	ug/L 88
13) Acetone	2.19	43	131547	124.253	ug/L 98
14) Carbon disulfide	2.31	76	244598	43.445	ug/L 100
15) Methyl Acetate	2.44	43	88838	39.931	ug/L 94
16) Methylene chloride	2.52	84	90146	45.292	ug/L 96
17) trans-1,2-Dichloroethene	2.78	96	85752	47.521	ug/L 94
18) Methyl tert-butyl Ether	2.78	73	281613	48.125	ug/L 98
19) 1,1-Dichloroethane	3.21	63	163458	44.865	ug/L 97
20) cis-1,2-Dichloroethene	3.93	96	90928	47.123	ug/L 92
22) 2-Butanone	3.99	43	140961	97.126	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	49308	50.199	uq/L	85
25) Chloroform	4.40	83	173493	48.339	uq/L	100
27) 1,2-Dichloroethane	5.15	62	148918	49.995	uq/L	99
29) Cyclohexane	4.70	56	135406	44.979	uq/L	92
30) 1,1,1-Trichloroethane	4.63	97	161862	51.689	uq/L	98
31) Carbon tetrachloride	4.85	117	145936	53.459	uq/L	99
33) Benzene	5.12	78	355199	46.134	uq/L	100
34) Trichloroethene	5.94	95	94123	48.377	uq/L	95
35) Methylcyclohexane	6.15	83	132864	49.911	uq/L	95
37) 1,2-Dichloropropane	6.19	63	89412	42.183	uq/L	98
38) Bromodichloromethane	6.53	83	131380	48.986	uq/L	100
39) cis-1,3-Dichloropropene	7.05	75	151174	48.259	uq/L	99
40) 4-Methyl-2-pentanone	7.24	43	248061	86.746	uq/L	97
42) Toluene	7.41	91	387775	49.067	uq/L	100
44) trans-1,3-Dichloropropene	7.67	75	154390	49.679	uq/L	97
45) 1,1,2-Trichloroethane	7.86	97	87155	46.555	uq/L	96
46) Tetrachloroethene	7.99	164	80123	53.664	uq/L	99
48) 2-Hexanone	8.15	43	208372	94.430	uq/L	99
49) Dibromochloromethane	8.27	129	106398	51.996	uq/L	100
50) 1,2-Dibromoethane	8.37	107	92324	47.522	uq/L	98
51) Chlorobenzene	8.90	112	249317	49.188	uq/L	98
52) Ethylbenzene	9.03	91	433086	50.678	uq/L	99
53) m,p-Xylene	9.16	106	163302	52.199	uq/L	96
54) o-xylene	9.56	106	156412	51.926	uq/L	99
55) Styrene	9.58	104	280888	52.569	uq/L	99
56) Isopropylbenzene	9.95	105	425322	53.700	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	134722	43.735	uq/L	98
59) 1,2,3-Trichloropropane	10.29	75	112784	45.506	uq/L	98
61) Bromoform	9.75	173	80879	50.550	uq/L	99
62) 1,3-Dichlorobenzene	11.20	146	212261	49.786	uq/L	99
63) 1,4-Dichlorobenzene	11.29	146	219204	49.203	uq/L	97
65) 1,2-Dichlorobenzene	11.67	146	208182	48.429	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33989	44.754	uq/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	149916	51.495	uq/L	99
68) 1,2,4-trichlorobenzene	13.28	180	142205	51.800	uq/L	99
69) Naphthalene	13.52	128	418712	49.502	uq/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	143226	51.492	uq/L	99

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

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