

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018736.D
 Acq On : 07 Oct 2020 18:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Oct 08 02:55:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338688	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	288216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152109	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78075	39.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.62%
7) Chloroethane-d5	1.58	69	69572	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.72%
11) 1,1-Dichloroethene-d2	2.12	63	174001	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.98%
21) 2-Butanone-d5	3.91	46	114117	77.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.02%
24) Chloroform-d	4.37	84	191924	44.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	5.05	65	121570	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.16%
32) Benzene-d6	5.07	84	345831	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
36) 1,2-Dichloropropane-d6	6.09	67	117983	53.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.98%
41) Toluene-d8	7.33	98	289317	42.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.24%
43) trans-1,3-Dichloropropene-	7.64	79	51789	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.11	63	65638	78.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.34%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	123236	42.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	122909	42.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	80617	35.007	ug/L	99
3) Chloromethane	1.25	50	96027	38.970	ug/L	100
5) Vinyl chloride	1.32	62	110540	42.667	ug/L	100
6) Bromomethane	1.53	94	73024	41.414	ug/L	96
8) Chloroethane	1.60	64	68639	42.993	ug/L	100
9) Trichlorofluoromethane	1.76	101	170141	43.210	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	95721	43.434	ug/L	95
12) 1,1-Dichloroethene	2.13	96	88048	41.645	ug/L	92
13) Acetone	2.19	43	112815	88.131	ug/L	99
14) Carbon disulfide	2.31	76	279557	40.817	ug/L	98
15) Methyl Acetate	2.45	43	93577	37.945	ug/L	100
16) Methylene chloride	2.52	84	96812	38.151	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	89842	37.136	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	287925	39.062	ug/L	97
19) 1,1-Dichloroethane	3.21	63	167808	39.615	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	103755	40.354	ug/L	97
22) 2-Butanone	3.99	43	134846	83.389	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	58310	41.243	ug/L	96
25) Chloroform	4.40	83	205188	45.875	ug/L	99
27) 1,2-Dichloroethane	5.15	62	161875	46.433	ug/L	99
29) Cyclohexane	4.70	56	164114	49.925	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	176589	49.353	ug/L	97
31) Carbon tetrachloride	4.85	117	158147	49.248	ug/L	100
33) Benzene	5.12	78	428828	50.645	ug/L	100
34) Trichloroethene	5.94	95	127250	51.765	ug/L	96
35) Methylcyclohexane	6.15	83	157647	47.539	ug/L	96
37) 1,2-Dichloropropane	6.19	63	116334	53.551	ug/L	99
38) Bromodichloromethane	6.53	83	156436	53.770	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	151278	44.384	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	248145	88.522	ug/L	98
42) Toluene	7.41	91	407997	44.541	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	155578	46.467	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	96150	44.709	ug/L	98
46) Tetrachloroethene	7.99	164	80452	40.341	ug/L	96
48) 2-Hexanone	8.15	43	196244	89.725	ug/L	96
49) Dibromochloromethane	8.26	129	107527	43.715	ug/L	98
50) 1,2-Dibromoethane	8.37	107	101614	44.440	ug/L	100
51) Chlorobenzene	8.90	112	270154	43.596	ug/L	97
52) Ethylbenzene	9.03	91	453341	44.317	ug/L	99
53) m,p-Xylene	9.16	106	174279	44.084	ug/L	99
54) o-xylene	9.56	106	165732	44.279	ug/L	99
55) Styrene	9.58	104	299121	45.897	ug/L	94
56) Isopropylbenzene	9.95	105	440093	43.843	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	126431	41.708	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	116378	44.042	ug/L	97
61) Bromoform	9.75	173	72529	41.511	ug/L #	96
62) 1,3-Dichlorobenzene	11.20	146	215520	43.781	ug/L	96
63) 1,4-Dichlorobenzene	11.29	146	224051	44.199	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	215821	44.317	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	29337	44.128	ug/L	86
67) 1,3,5-Trichlorobenzene	12.67	180	136615	40.064	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	125319	39.495	ug/L	99
69) Naphthalene	13.52	128	397928	43.810	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	129305	40.594	ug/L	97

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

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