

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102618\
 Data File : VV008422.D
 Acq On : 26 Oct 2018 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Oct 27 04:39:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 23:17:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	235554	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	104076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57203	43.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.72%
7) Chloroethane-d5	1.57	69	42864	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.13	63	108803	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
21) 2-Butanone-d5	3.93	46	115020	81.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.15%
24) Chloroform-d	4.41	84	137357	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.08	65	89826	41.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.54%
32) Benzene-d6	5.10	84	272197	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.36%
36) 1,2-Dichloropropane-d6	6.12	67	91269	41.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.44%
41) Toluene-d8	7.36	98	252939	44.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	46660	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.80%
47) 2-Hexanone-d5	8.14	63	91116	79.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	125062	42.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	91735	43.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.18%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	89768	53.369	ug/L 99
3) Chloromethane	1.25	50	95974	53.265	ug/L 100
5) Vinyl chloride	1.33	62	87797	52.588	ug/L 97
6) Bromomethane	1.52	94	24231	52.896	ug/L 96
8) Chloroethane	1.59	64	48185	54.937	ug/L 95
9) Trichlorofluoromethane	1.76	101	115174	53.603	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	62858	55.997	ug/L 98
12) 1,1-Dichloroethene	2.14	96	56547	53.503	ug/L 98
13) Acetone	2.19	43	128623	116.925	ug/L 100
14) Carbon disulfide	2.32	76	247435	51.980	ug/L 99
15) Methyl Acetate	2.46	43	110811	50.514	ug/L 99
16) Methylene chloride	2.54	84	94795	51.787	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	85667	53.175	ug/L 98
18) Methyl tert-butyl Ether	2.81	73	312386	54.174	ug/L 100
19) 1,1-Dichloroethane	3.23	63	176945	53.254	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	100631	54.827	ug/L 98
22) 2-Butanone	4.02	43	180832	113.786	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	45967	53.104	ug/L	99
25) Chloroform	4.43	83	176861	54.525	ug/L	98
27) 1,2-Dichloroethane	5.18	62	142735	52.684	ug/L	98
29) Cyclohexane	4.73	56	170287	52.878	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	154506	53.866	ug/L	99
31) Carbon tetrachloride	4.88	117	129889	53.362	ug/L	98
33) Benzene	5.15	78	383199	53.000	ug/L	100
34) Trichloroethene	5.96	95	98379	53.148	ug/L	99
35) Methylcyclohexane	6.18	83	172892	54.938	ug/L	100
37) 1,2-Dichloropropane	6.22	63	108240	54.207	ug/L	99
38) Bromodichloromethane	6.56	83	136549	53.665	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	171131	54.514	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	309606	104.706	ug/L	99
42) Toluene	7.43	91	407305	54.235	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	160385	54.610	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	94021	53.254	ug/L	99
46) Tetrachloroethene	8.02	164	67722	56.121	ug/L	99
48) 2-Hexanone	8.19	43	240392	105.360	ug/L	98
49) Dibromochloromethane	8.29	129	104645	55.156	ug/L	100
50) 1,2-Dibromoethane	8.40	107	98456	53.160	ug/L	99
51) Chlorobenzene	8.93	112	256753	55.523	ug/L	99
52) Ethylbenzene	9.06	91	469225	55.777	ug/L	100
53) m,p-Xylene	9.18	106	171967	55.953	ug/L	99
54) o-xylene	9.59	106	169227	55.141	ug/L	100
55) Styrene	9.60	104	288646	55.819	ug/L	100
56) Isopropylbenzene	9.98	105	454832	56.642	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	165829	53.630	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	134136	53.602	ug/L	99
61) Bromoform	9.78	173	71556	54.488	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	192391	55.912	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	190605	55.268	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	194425	55.409	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	37724	52.295	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	131541	58.544	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	106216	58.431	ug/L	100
69) Naphthalene	13.56	128	312502	53.162	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	104814	57.694	ug/L	99

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

