

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103018\
 Data File : VV008490.D
 Acq On : 30 Oct 2018 23:59
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Quant Time: Oct 31 07:21:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 31 07:14:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	172984	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	161576	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39010	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.46%
7) Chloroethane-d5	1.56	69	28943	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.70%
11) 1,1-Dichloroethene-d2	2.13	63	77020	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
21) 2-Butanone-d5	3.94	46	103585	99.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.51%
24) Chloroform-d	4.41	84	114384	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.08	65	76915	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.40%
32) Benzene-d6	5.10	84	218564	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
36) 1,2-Dichloropropane-d6	6.12	67	77055	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.42%
41) Toluene-d8	7.36	98	199233	47.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.32%
43) trans-1,3-Dichloropropene-	7.67	79	36239	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.34%
47) 2-Hexanone-d5	8.14	63	81301	97.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	112227	51.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.70%
64) 1,2-Dichlorobenzene-d4	11.68	152	78253	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	56748	45.941	ug/L	98
3) Chloromethane	1.25	50	61733	46.654	ug/L	100
5) Vinyl chloride	1.33	62	57810	47.151	ug/L	97
6) Bromomethane	1.51	94	10929	32.487	ug/L	96
8) Chloroethane	1.58	64	33296	51.693	ug/L	95
9) Trichlorofluoromethane	1.76	101	75908	48.106	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	41457	50.290	ug/L	97
12) 1,1-Dichloroethene	2.14	96	37426	48.220	ug/L	95
13) Acetone	2.19	43	60772	75.227	ug/L	100
14) Carbon disulfide	2.32	76	156760	44.843	ug/L	99
15) Methyl Acetate	2.46	43	73693	45.744	ug/L	99
16) Methylene chloride	2.54	84	64595	48.053	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	56655	47.887	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	213248	50.358	ug/L	100
19) 1,1-Dichloroethane	3.23	63	120005	49.181	ug/L	97
20) cis-1,2-Dichloroethene	3.97	96	67792	50.295	ug/L	96
22) 2-Butanone	4.02	43	101292	86.791	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	31264	49.182	uq/L	99
25) Chloroform	4.43	83	120689	50.666	uq/L	99
27) 1,2-Dichloroethane	5.18	62	96031	48.266	uq/L	99
29) Cyclohexane	4.73	56	108543	46.139	uq/L	100
30) 1,1,1-Trichloroethane	4.66	97	102721	49.024	uq/L	99
31) Carbon tetrachloride	4.88	117	86310	48.539	uq/L	99
33) Benzene	5.15	78	258934	49.025	uq/L	100
34) Trichloroethene	5.96	95	64707	47.853	uq/L	98
35) Methylcyclohexane	6.18	83	105642	45.953	uq/L	99
37) 1,2-Dichloropropane	6.23	63	72645	49.802	uq/L	99
38) Bromodichloromethane	6.56	83	90347	48.606	uq/L	99
39) cis-1,3-Dichloropropene	7.07	75	110001	47.968	uq/L	99
40) 4-Methyl-2-pentanone	7.28	43	210135	97.283	uq/L	100
42) Toluene	7.43	91	268949	49.023	uq/L	99
44) trans-1,3-Dichloropropene	7.70	75	103373	48.183	uq/L	100
45) 1,1,2-Trichloroethane	7.89	97	62905	48.774	uq/L	100
46) Tetrachloroethene	8.02	164	43249	49.062	uq/L	98
48) 2-Hexanone	8.19	43	154196	92.513	uq/L	100
49) Dibromochloromethane	8.29	129	68724	49.586	uq/L	99
50) 1,2-Dibromoethane	8.40	107	66006	48.786	uq/L	100
51) Chlorobenzene	8.93	112	169629	50.215	uq/L	98
52) Ethylbenzene	9.06	91	305528	49.717	uq/L	100
53) m,p-Xylene	9.18	106	111245	49.549	uq/L	99
54) o-xylene	9.59	106	113208	50.496	uq/L	99
55) Styrene	9.61	104	191042	50.573	uq/L	100
56) Isopropylbenzene	9.98	105	296825	50.601	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	115809	51.270	uq/L	98
59) 1,2,3-Trichloropropane	10.32	75	91054	49.810	uq/L	99
61) Bromoform	9.78	173	47564	48.219	uq/L	100
62) 1,3-Dichlorobenzene	11.23	146	126832	49.071	uq/L	99
63) 1,4-Dichlorobenzene	11.32	146	126923	48.996	uq/L	99
65) 1,2-Dichlorobenzene	11.69	146	131716	49.974	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	23900	44.108	uq/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	84081	49.819	uq/L	99
68) 1,2,4-trichlorobenzene	13.32	180	65234	47.775	uq/L	98
69) Naphthalene	13.56	128	197395	44.706	uq/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	67284	49.306	uq/L	99

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

