

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009772.D
 Acq On : 18 Mar 2019 21:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Mar 19 04:36:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 12:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145888	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	141832	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67567	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40069	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.46%
7) Chloroethane-d5	1.56	69	33568	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.52%
11) 1,1-Dichloroethene-d2	2.12	63	93299	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.08%
21) 2-Butanone-d5	3.93	46	57823	98.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.69%
24) Chloroform-d	4.40	84	85411	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	5.08	65	50772	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
32) Benzene-d6	5.10	84	173003	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.36%
36) 1,2-Dichloropropane-d6	6.12	67	51198	45.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.74%
41) Toluene-d8	7.36	98	164486	46.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.24%
43) trans-1,3-Dichloropropene-	7.66	79	25193	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.42%
47) 2-Hexanone-d5	8.13	63	44964	97.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.91%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	83822	48.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	65039	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	53351	49.371	ug/L	100
3) Chloromethane	1.25	50	49384	48.970	ug/L	96
5) Vinyl chloride	1.32	62	54488	50.314	ug/L	99
6) Bromomethane	1.51	94	20096	34.844	ug/L	98
8) Chloroethane	1.58	64	32668	49.623	ug/L	89
9) Trichlorofluoromethane	1.76	101	90342	49.822	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	47595	47.428	ug/L	99
12) 1,1-Dichloroethene	2.13	96	43841	50.406	ug/L	96
13) Acetone	2.19	43	42532	76.644	ug/L	100
14) Carbon disulfide	2.31	76	126144	49.737	ug/L	100
15) Methyl Acetate	2.46	43	44587	47.644	ug/L	99
16) Methylene chloride	2.53	84	50487	49.963	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	45853	49.225	ug/L	95
18) Methyl tert-butyl Ether	2.80	73	147385	50.060	ug/L	99
19) 1,1-Dichloroethane	3.23	63	81598	49.943	ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	53154	49.838	ug/L	92
22) 2-Butanone	4.02	43	63273	90.346	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	27477	50.905	ug/L	96
25) Chloroform	4.43	83	90087	50.010	ug/L	98
27) 1,2-Dichloroethane	5.18	62	67069	50.038	ug/L	99
29) Cyclohexane	4.72	56	73036	48.117	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	78338	50.752	ug/L	98
31) Carbon tetrachloride	4.88	117	69016	54.124	ug/L	99
33) Benzene	5.15	78	196489	50.757	ug/L	100
34) Trichloroethene	5.96	95	49472	49.029	ug/L	97
35) Methylcyclohexane	6.18	83	81178	48.886	ug/L	99
37) 1,2-Dichloropropane	6.22	63	48805	49.438	ug/L	99
38) Bromodichloromethane	6.56	83	65546	50.527	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	77943	51.685	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	127391	98.277	ug/L	99
42) Toluene	7.43	91	220503	51.111	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	71201	49.859	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	52826	51.732	ug/L	99
46) Tetrachloroethene	8.02	164	40771	48.404	ug/L	97
48) 2-Hexanone	8.18	43	99709	103.338	ug/L	98
49) Dibromochloromethane	8.29	129	57849	52.808	ug/L	100
50) 1,2-Dibromoethane	8.40	107	55305	51.942	ug/L #	99
51) Chlorobenzene	8.93	112	146490	50.574	ug/L	98
52) Ethylbenzene	9.06	91	244497	49.967	ug/L	99
53) m,p-Xylene	9.18	106	93524	49.474	ug/L	97
54) o-Xylene	9.59	106	93779	49.333	ug/L	96
55) Styrene	9.60	104	157128	50.712	ug/L	98
56) Isopropylbenzene	9.98	105	246126	49.757	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	90716	51.121	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	65564	50.477	ug/L	99
61) Bromoform	9.78	173	40235	50.096	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	107382	48.443	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	111052	49.659	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	115627	51.122	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	15324	48.777	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	70042	49.685	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	52858	53.497	ug/L	97
69) Naphthalene	13.55	128	140979	49.862	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	54338	54.857	ug/L	99

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

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