

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103118\
 Data File : VV008500.D
 Acq On : 31 Oct 2018 18:20
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV50

Quant Time: Nov 01 09:19:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM103118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 01 09:14:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	213582	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	196043	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96164	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61127	45.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.02%
7) Chloroethane-d5	1.56	69	34137	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.13	63	100840	46.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.44%
21) 2-Butanone-d5	3.93	46	127378	96.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.89%
24) Chloroform-d	4.40	84	140234	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.10%
26) 1,2-Dichloroethane-d4	5.08	65	96442	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
32) Benzene-d6	5.10	84	282242	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.12	67	94269	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.36	98	258504	47.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.34%
43) trans-1,3-Dichloropropene-	7.67	79	48505	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.74%
47) 2-Hexanone-d5	8.14	63	97665	96.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.99%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	135473	49.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	99324	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	73127	46.427	ug/L	99
3) Chloromethane	1.25	50	72679	45.748	ug/L	99
5) Vinyl chloride	1.33	62	66968	45.280	ug/L	98
6) Bromomethane	1.51	94	17030	46.126	ug/L	96
8) Chloroethane	1.58	64	35568	47.039	ug/L	93
9) Trichlorofluoromethane	1.76	101	82098	45.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44889	46.877	ug/L	98
12) 1,1-Dichloroethene	2.14	96	40748	46.157	ug/L	91
13) Acetone	2.19	43	83448	76.703	ug/L	98
14) Carbon disulfide	2.31	76	189551	44.546	ug/L	100
15) Methyl Acetate	2.46	43	82033	45.565	ug/L	99
16) Methylene chloride	2.53	84	72452	47.523	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	61954	45.106	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	221822	46.005	ug/L	99
19) 1,1-Dichloroethane	3.23	63	124901	45.635	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	72371	45.808	ug/L	94
22) 2-Butanone	4.02	43	131596	90.043	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	33986	47.057	ug/L	97
25) Chloroform	4.43	83	128583	47.476	ug/L	97
27) 1,2-Dichloroethane	5.18	62	101452	45.997	ug/L	99
29) Cyclohexane	4.73	56	121761	46.208	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	108493	46.624	ug/L	99
31) Carbon tetrachloride	4.88	117	92646	46.634	ug/L	99
33) Benzene	5.15	78	275352	46.660	ug/L	100
34) Trichloroethene	5.96	95	70082	46.060	ug/L	98
35) Methylcyclohexane	6.18	83	125228	48.172	ug/L	100
37) 1,2-Dichloropropane	6.23	63	76077	46.461	ug/L	100
38) Bromodichloromethane	6.56	83	94527	46.420	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	118417	46.215	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	223410	92.225	ug/L	100
42) Toluene	7.43	91	286317	46.915	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	112937	46.915	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	66412	46.485	ug/L	98
46) Tetrachloroethene	8.02	164	49163	47.093	ug/L	97
48) 2-Hexanone	8.19	43	182802	93.548	ug/L	99
49) Dibromochloromethane	8.29	129	72300	46.857	ug/L	97
50) 1,2-Dibromoethane	8.40	107	69879	46.178	ug/L	99
51) Chlorobenzene	8.93	112	178630	46.472	ug/L	99
52) Ethylbenzene	9.06	91	327137	47.276	ug/L	100
53) m,p-Xylene	9.18	106	121781	47.291	ug/L	97
54) o-xylene	9.59	106	119708	47.101	ug/L	99
55) Styrene	9.61	104	206626	47.881	ug/L	98
56) Isopropylbenzene	9.98	105	317502	47.958	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	121090	46.954	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	97172	46.188	ug/L	100
61) Bromoform	9.78	173	49554	45.018	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	139240	46.090	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	139448	45.873	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	140419	46.582	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	27225	45.687	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	93608	47.317	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	74190	48.293	ug/L	99
69) Naphthalene	13.56	128	224033	47.815	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	74172	47.807	ug/L	99

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

