

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092318\
 Data File : VV007738.D
 Acq On : 22 Sep 2018 16:39
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Quant Time: Sep 24 02:30:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 02:30:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200127	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	111916	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49889	45.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.74%
7) Chloroethane-d5	1.58	69	47924	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.98%
11) 1,1-Dichloroethene-d2	2.14	63	125108	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
21) 2-Butanone-d5	3.95	46	68489	95.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.34%
24) Chloroform-d	4.41	84	112202	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.09	65	71442	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.10	84	213243	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.86%
36) 1,2-Dichloropropane-d6	6.12	67	62633	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.34%
41) Toluene-d8	7.36	98	227486	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%
43) trans-1,3-Dichloropropene-	7.67	79	33167	50.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.14%
47) 2-Hexanone-d5	8.14	63	51415	88.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.87%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	98415	47.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.98%
64) 1,2-Dichlorobenzene-d4	11.68	152	108107	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	68476	49.281	ug/L	99
3) Chloromethane	1.25	50	54055	48.402	ug/L	98
5) Vinyl chloride	1.33	62	63101	48.779	ug/L	99
6) Bromomethane	1.54	94	51892	51.282	ug/L	96
8) Chloroethane	1.60	64	41960	48.513	ug/L	99
9) Trichlorofluoromethane	1.77	101	130580	48.949	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	75904	50.165	ug/L	99
12) 1,1-Dichloroethene	2.15	96	65509	49.353	ug/L	90
13) Acetone	2.19	43	69390	91.530	ug/L	100
14) Carbon disulfide	2.33	76	168331	47.871	ug/L	99
15) Methyl Acetate	2.46	43	62980	46.932	ug/L	99
16) Methylene chloride	2.54	84	70458	48.397	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	71758	47.920	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	212962	48.193	ug/L	99
19) 1,1-Dichloroethane	3.23	63	92854	49.079	ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	65775	48.975	ug/L	100
22) 2-Butanone	4.04	43	76628	93.377	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	36504	49.044	ug/L	97
25) Chloroform	4.43	83	110180	49.127	ug/L	98
27) 1,2-Dichloroethane	5.19	62	86511	47.554	ug/L	99
29) Cyclohexane	4.73	56	84310	49.812	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	101637	49.068	ug/L	100
31) Carbon tetrachloride	4.88	117	95502	49.902	ug/L	100
33) Benzene	5.15	78	232867	50.229	ug/L	100
34) Trichloroethene	5.96	95	66491	48.494	ug/L	98
35) Methylcyclohexane	6.18	83	109225	52.011	ug/L	98
37) 1,2-Dichloropropane	6.23	63	57546	49.300	ug/L	100
38) Bromodichloromethane	6.56	83	79188	49.346	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	95424	50.854	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	146445	94.873	ug/L	99
42) Toluene	7.43	91	269347	49.013	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	90579	50.843	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	64221	48.960	ug/L	96
46) Tetrachloroethene	8.02	164	69676	49.651	ug/L	99
48) 2-Hexanone	8.19	43	115180	96.868	ug/L	97
49) Dibromochloromethane	8.30	129	74508	50.061	ug/L	99
50) 1,2-Dibromoethane	8.40	107	71684	48.680	ug/L	100
51) Chlorobenzene	8.93	112	192634	48.663	ug/L	100
52) Ethylbenzene	9.06	91	308961	49.731	ug/L	99
53) m,p-Xylene	9.18	106	121879	49.022	ug/L	100
54) o-xylene	9.59	106	118468	48.847	ug/L	99
55) Styrene	9.61	104	206361	49.874	ug/L	100
56) Isopropylbenzene	9.98	105	322607	49.329	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	100379	48.094	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	78935	47.821	ug/L	100
61) Bromoform	9.78	173	56639	48.637	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	170319	47.997	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	175759	47.752	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	172917	48.192	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	21221	48.905	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	146466	49.145	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	128855	48.174	ug/L	100
69) Naphthalene	13.56	128	337076	49.152	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	132009	48.828	ug/L	98

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

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