

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110618\
 Data File : VV008538.D
 Acq On : 06 Nov 2018 18:12
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV62

Quant Time: Nov 07 09:07:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 07 09:05:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	264596	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246185	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43467	48.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.30%
7) Chloroethane-d5	1.57	69	36471	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.56%
11) 1,1-Dichloroethene-d2	2.13	63	96467	47.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.80%
21) 2-Butanone-d5	3.94	46	143411	100.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.33%
24) Chloroform-d	4.41	84	138549	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
26) 1,2-Dichloroethane-d4	5.09	65	87713	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
32) Benzene-d6	5.11	84	248924	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
36) 1,2-Dichloropropane-d6	6.12	67	85623	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.82%
41) Toluene-d8	7.36	98	222844	48.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	39608	49.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.42%
47) 2-Hexanone-d5	8.14	63	98496	96.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	131309	48.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.58%
64) 1,2-Dichlorobenzene-d4	11.68	152	86346	46.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	98816	48.275	ug/L	99
3) Chloromethane	1.25	50	96964	46.681	ug/L	99
5) Vinyl chloride	1.33	62	89538	47.579	ug/L	95
6) Bromomethane	1.51	94	26286	46.121	ug/L	97
8) Chloroethane	1.59	64	48260	47.273	ug/L	96
9) Trichlorofluoromethane	1.77	101	117595	47.632	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	65860	48.815	ug/L	97
12) 1,1-Dichloroethene	2.14	96	58957	47.183	ug/L	89
13) Acetone	2.19	43	116047	85.977	ug/L	99
14) Carbon disulfide	2.32	76	247233	47.377	ug/L	100
15) Methyl Acetate	2.46	43	115255	47.644	ug/L	100
16) Methylene chloride	2.54	84	94941	47.857	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	86434	48.015	ug/L	96
18) Methyl tert-butyl Ether	2.81	73	299228	48.269	ug/L	99
19) 1,1-Dichloroethane	3.23	63	174345	48.745	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	100286	48.683	ug/L	91
22) 2-Butanone	4.02	43	167780	91.674	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	47077	48.042	ug/L	98
25) Chloroform	4.43	83	172917	47.890	ug/L	99
27) 1,2-Dichloroethane	5.18	62	139739	48.306	ug/L	100
29) Cyclohexane	4.73	56	164337	49.075	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	151253	48.499	ug/L	98
31) Carbon tetrachloride	4.88	117	128483	48.883	ug/L	99
33) Benzene	5.15	78	372958	49.363	ug/L	100
34) Trichloroethene	5.96	95	93908	47.966	ug/L	98
35) Methylcyclohexane	6.18	83	153817	47.980	ug/L	99
37) 1,2-Dichloropropane	6.23	63	98319	47.613	ug/L	99
38) Bromodichloromethane	6.56	83	127468	48.983	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	152960	49.097	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	292387	96.419	ug/L	98
42) Toluene	7.44	91	384649	48.355	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	138280	48.749	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	90188	48.255	ug/L	98
46) Tetrachloroethene	8.02	164	66291	47.515	ug/L	98
48) 2-Hexanone	8.19	43	210814	91.483	ug/L	99
49) Dibromochloromethane	8.30	129	94767	49.020	ug/L	99
50) 1,2-Dibromoethane	8.40	107	93935	48.329	ug/L	99
51) Chlorobenzene	8.93	112	235815	46.843	ug/L	99
52) Ethylbenzene	9.06	91	427911	48.333	ug/L	100
53) m,p-Xylene	9.19	106	155276	48.244	ug/L	96
54) o-xylene	9.59	106	155608	47.910	ug/L	97
55) Styrene	9.61	104	256605	48.468	ug/L	98
56) Isopropylbenzene	9.98	105	408830	48.080	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	146941	47.802	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	122365	47.008	ug/L	99
61) Bromoform	9.78	173	61094	47.056	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	169916	47.396	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	167542	47.298	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	171577	47.365	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	30925	45.918	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	113159	48.523	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	89597	50.145	ug/L	98
69) Naphthalene	13.56	128	278855	51.470	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	90950	49.994	ug/L	99

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

