

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007175.D
 Acq On : 24 Aug 2018 17:32
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV69

Quant Time: Aug 24 23:57:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 23:56:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	703506	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	689423	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	343552	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	226825	45.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	184008	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.84%
11) 1,1-Dichloroethene-d2	2.13	63	405712	47.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.38%
21) 2-Butanone-d5	3.95	46	371698	100.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.93%
24) Chloroform-d	4.40	84	464035	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
26) 1,2-Dichloroethane-d4	5.09	65	285716	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
32) Benzene-d6	5.10	84	945748	48.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.58%
36) 1,2-Dichloropropane-d6	6.12	67	307019	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.54%
41) Toluene-d8	7.36	98	869988	50.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.92%
43) trans-1,3-Dichloropropene-	7.67	79	141556	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.80%
47) 2-Hexanone-d5	8.14	63	211741	104.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	434739	50.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.56%
64) 1,2-Dichlorobenzene-d4	11.68	152	338115	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	278796	49.546 ug/L	99
3) Chloromethane	1.25	50	314898	46.395 ug/L	99
5) Vinyl chloride	1.32	62	281474	47.588 ug/L	99
6) Bromomethane	1.53	94	93300	48.687 ug/L	97
8) Chloroethane	1.60	64	168368	47.958 ug/L	98
9) Trichlorofluoromethane	1.77	101	367386	48.885 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	227276	49.871 ug/L	99
12) 1,1-Dichloroethene	2.14	96	209559	48.153 ug/L	95
13) Acetone	2.20	43	307244	113.003 ug/L	100
14) Carbon disulfide	2.32	76	640369	48.015 ug/L	100
15) Methyl Acetate	2.46	43	250812	51.743 ug/L	100
16) Methylene chloride	2.54	84	247036	50.066 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	233644	49.803 ug/L	99
18) Methyl tert-butyl Ether	2.81	73	730702	52.147 ug/L	100
19) 1,1-Dichloroethane	3.23	63	471348	49.285 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	276015	50.285 ug/L	100
22) 2-Butanone	4.04	43	463817	109.589 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	145023	51.683	ug/L	98
25) Chloroform	4.43	83	475811	50.693	ug/L	99
27) 1,2-Dichloroethane	5.19	62	367851	52.986	ug/L	99
29) Cyclohexane	4.73	56	391814	50.072	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	388226	49.121	ug/L	99
31) Carbon tetrachloride	4.87	117	333052	49.076	ug/L	99
33) Benzene	5.15	78	1081718	50.657	ug/L	100
34) Trichloroethene	5.96	95	259179	49.913	ug/L	98
35) Methylcyclohexane	6.18	83	428735	51.920	ug/L	99
37) 1,2-Dichloropropane	6.22	63	294087	51.770	ug/L	99
38) Bromodichloromethane	6.56	83	350791	50.778	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	416934	52.659	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	744772	111.822	ug/L	98
42) Toluene	7.43	91	1092993	52.800	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	391994	53.282	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	275487	52.368	ug/L	98
46) Tetrachloroethene	8.02	164	215375	50.296	ug/L	99
48) 2-Hexanone	8.19	43	617123	118.343	ug/L	98
49) Dibromochloromethane	8.30	129	282207	52.302	ug/L	99
50) 1,2-Dibromoethane	8.40	107	279362	52.854	ug/L	96
51) Chlorobenzene	8.93	112	717684	51.273	ug/L	99
52) Ethylbenzene	9.06	91	1131090	52.616	ug/L	100
53) m,p-Xylene	9.19	106	440030	53.909	ug/L	99
54) o-xylene	9.59	106	420109	53.475	ug/L	97
55) Styrene	9.61	104	766063	56.827	ug/L	99
56) Isopropylbenzene	9.98	105	1087544	54.121	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	454954	52.670	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	362206	52.152	ug/L	98
61) Bromoform	9.78	173	205692	49.567	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	524583	50.113	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	570093	50.616	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	568613	50.636	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	82447	51.970	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	410459	53.747	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	323236	56.753	ug/L	99
69) Naphthalene	13.56	128	812290	52.425	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	360033	58.906	ug/L	98

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

