

Data File : VV012196.D
Acq On : 11 Aug 2019 16:43
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

Quant Time: Aug 12 03:49:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 02:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	485838	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	467157	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	246528	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110207	61.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	123.32%
7) Chloroethane-d5	1.58	69	82051	72.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	144.00%#
11) 1,1-Dichloroethene-d2	2.13	63	215012	63.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	127.28%#
21) 2-Butanone-d5	3.92	46	118535	134.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.13%#
24) Chloroform-d	4.40	84	185172	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
26) 1,2-Dichloroethane-d4	5.08	65	102484	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
32) Benzene-d6	5.10	84	378693	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.56%
36) 1,2-Dichloropropane-d6	6.12	67	109321	55.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.98%
41) Toluene-d8	7.36	98	344282	49.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.66	79	49929	46.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.52%
47) 2-Hexanone-d5	8.13	63	85178	113.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	145853	54.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	131751	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	183702	44.542	ug/L	100
3) Chloromethane	1.25	50	181206	62.260	ug/L	99
5) Vinyl chloride	1.32	62	181614	67.612	ug/L	99
6) Bromomethane	1.53	94	98035	62.216	ug/L	97
8) Chloroethane	1.60	64	104349	74.159	ug/L	99
9) Trichlorofluoromethane	1.77	101	240140	52.340	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	135674	63.347	ug/L	93
12) 1,1-Dichloroethene	2.14	96	129950	65.927	ug/L	96
13) Acetone	2.18	43	151267	117.878	ug/L	98
14) Carbon disulfide	2.32	76	395543	55.632	ug/L	99
15) Methyl Acetate	2.45	43	175903	66.933	ug/L	93
16) Methylene chloride	2.53	84	167750	55.598	ug/L	91
17) trans-1,2-Dichloroethene	2.79	96	152177	52.918	ug/L	97
18) Methyl tert-butyl Ether	2.80	73	469717	50.732	ug/L	97
19) 1,1-Dichloroethane	3.23	63	281801	55.872	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	171241	52.414	ug/L	95
22) 2-Butanone	4.01	43	239766	125.454	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	90098	49.927	ug/L #	86
25) Chloroform	4.43	83	290652	51.174	ug/L	99
27) 1,2-Dichloroethane	5.18	62	221884	49.699	ug/L	100
29) Cyclohexane	4.73	56	247953	56.995	ug/L	93
30) 1,1,1-Trichloroethane	4.66	97	251856	46.257	ug/L	98
31) Carbon tetrachloride	4.88	117	227022	44.714	ug/L	100
33) Benzene	5.15	78	651419	55.184	ug/L	100
34) Trichloroethene	5.96	95	162297	50.356	ug/L	99
35) Methylcyclohexane	6.18	83	262485	52.297	ug/L	94
37) 1,2-Dichloropropane	6.22	63	163390	57.524	ug/L	100
38) Bromodichloromethane	6.55	83	222605	50.578	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	255590	52.176	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	460727	126.262	ug/L	94
42) Toluene	7.43	91	695676	53.252	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	228260	51.599	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	162515	51.692	ug/L	96
46) Tetrachloroethene	8.02	164	142422	46.227	ug/L	97
48) 2-Hexanone	8.18	43	341451	123.819	ug/L	96
49) Dibromochloromethane	8.29	129	185672	46.658	ug/L	98
50) 1,2-Dibromoethane	8.40	107	175855	51.188	ug/L	98
51) Chlorobenzene	8.92	112	454123	50.864	ug/L	97
52) Ethylbenzene	9.05	91	758579	52.012	ug/L	99
53) m,p-Xylene	9.18	106	297639	51.790	ug/L	96
54) o-xylene	9.59	106	289879	50.883	ug/L	99
55) Styrene	9.60	104	500739	52.579	ug/L	100
56) Isopropylbenzene	9.97	105	754059	50.129	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	269794	56.015	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	207819	54.226	ug/L	100
61) Bromoform	9.77	173	137647	43.473	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	367610	49.101	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	372279	49.936	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	369257	48.825	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	57334	48.917	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	271496	46.054	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	229714	46.961	ug/L	99
69) Naphthalene	13.55	128	702277	51.424	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	245167	47.732	ug/L	98

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

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