

Data File : VU025624.D
Acq On : 24 Jul 2018 14:39
Operator : MD/SY
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05067

Quant Time: Jul 25 02:27:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 25 02:26:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318599	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	306207	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	169804	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94330	51.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.72%
7) Chloroethane-d5	1.68	69	75846	50.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.10%
11) 1,1-Dichloroethene-d2	2.27	63	189429	50.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.06%
21) 2-Butanone-d5	4.18	46	162804	115.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.94%
24) Chloroform-d	4.65	84	208537	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.94%
26) 1,2-Dichloroethane-d4	5.31	65	137318	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.35	84	396084	50.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.86%
36) 1,2-Dichloropropane-d6	6.34	67	128504	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	7.57	98	382850	50.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.66%
43) trans-1,3-Dichloropropene-	7.85	79	66622	51.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.08%
47) 2-Hexanone-d5	8.31	63	118898	112.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	184615	52.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	168375	48.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.86%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	137062	43.662 ug/L	99
3) Chloromethane	1.33	50	109994	48.519 ug/L	99
5) Vinyl chloride	1.41	62	108751	43.737 ug/L	99
6) Bromomethane	1.63	94	45901	53.084 ug/L	94
8) Chloroethane	1.70	64	63543	43.400 ug/L	98
9) Trichlorofluoromethane	1.89	101	157731	44.546 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	91694	46.244 ug/L	98
12) 1,1-Dichloroethene	2.28	96	82002	45.607 ug/L	95
13) Acetone	2.32	43	134331	81.504 ug/L	98
14) Carbon disulfide	2.48	76	253533	43.304 ug/L	99
15) Methyl Acetate	2.62	43	112481	49.369 ug/L	99
16) Methylene chloride	2.70	84	100392	44.822 ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	92300	44.586 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	314100	46.588 ug/L	99
19) 1,1-Dichloroethane	3.45	63	179478	45.576 ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	106377	45.524 ug/L	92
22) 2-Butanone	4.27	43	168640	91.911 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	57853	46.906	ug/L	98
25) Chloroform	4.68	83	192188	46.380	ug/L	100
27) 1,2-Dichloroethane	5.41	62	156657	46.350	ug/L	99
29) Cyclohexane	5.00	56	157294	44.339	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	172404	44.995	ug/L	99
31) Carbon tetrachloride	5.14	117	157296	44.396	ug/L	100
33) Benzene	5.39	78	395792	44.985	ug/L	100
34) Trichloroethene	6.19	95	106647	45.684	ug/L	96
35) Methylcyclohexane	6.42	83	172167	45.739	ug/L	99
37) 1,2-Dichloropropane	6.44	63	109752	45.649	ug/L	100
38) Bromodichloromethane	6.76	83	144198	45.489	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	173633	46.536	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	312549	98.992	ug/L	100
42) Toluene	7.64	91	436250	45.978	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	167258	47.544	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	103656	44.947	ug/L	98
46) Tetrachloroethene	8.23	164	93432	46.166	ug/L	99
48) 2-Hexanone	8.36	43	257253	96.425	ug/L	99
49) Dibromochloromethane	8.48	129	126140	46.628	ug/L	98
50) 1,2-Dibromoethane	8.59	107	114602	46.126	ug/L	98
51) Chlorobenzene	9.12	112	293242	45.907	ug/L	99
52) Ethylbenzene	9.25	91	491573	46.940	ug/L	100
53) m,p-Xylene	9.38	106	192543	48.001	ug/L	99
54) o-xylene	9.78	106	188713	46.364	ug/L	95
55) Styrene	9.80	104	320550	48.355	ug/L	97
56) Isopropylbenzene	10.17	105	500310	47.630	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	174825	46.997	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	131130	46.434	ug/L	99
61) Bromoform	9.96	173	92294	42.021	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	247275	46.037	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	252483	46.050	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	247806	44.038	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	40549	45.819	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	199982	48.235	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	175233	50.290	ug/L	99
69) Naphthalene	13.75	128	515064	49.153	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	178669	48.505	ug/L	100

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

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