

Data File : VU027733.D
Acq On : 22 Oct 2018 10:49
Operator : MD/SY
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV57

Quant Time: Oct 23 08:03:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 08:01:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	119907	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115216	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	57334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45683	48.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.94%
7) Chloroethane-d5	1.68	69	35474	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.78%
11) 1,1-Dichloroethene-d2	2.27	63	84271	50.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.30%
21) 2-Butanone-d5	4.18	46	74053	93.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.14%
24) Chloroform-d	4.65	84	83356	49.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.31	65	56992	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.34	84	157416	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.33	67	56664	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.74%
41) Toluene-d8	7.57	98	148897	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%
43) trans-1,3-Dichloropropene-	7.85	79	28874	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	8.31	63	56525	94.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72259	47.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	58002	49.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.78%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	50418	51.739	ug/L 100
3) Chloromethane	1.33	50	60894	53.344	ug/L 99
5) Vinyl chloride	1.40	62	56107	51.816	ug/L 99
6) Bromomethane	1.62	94	30643	56.125	ug/L 100
8) Chloroethane	1.70	64	30427	52.062	ug/L 98
9) Trichlorofluoromethane	1.89	101	67416	51.673	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	37253	52.144	ug/L 99
12) 1,1-Dichloroethene	2.29	96	34511	51.653	ug/L 94
13) Acetone	2.32	43	52274	94.389	ug/L 100
14) Carbon disulfide	2.48	76	121849	52.375	ug/L 99
15) Methyl Acetate	2.62	43	56727	48.673	ug/L 98
16) Methylene chloride	2.70	84	42093	51.001	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	38762	52.446	ug/L 97
18) Methyl tert-butyl Ether	3.00	73	141487	51.216	ug/L 99
19) 1,1-Dichloroethane	3.45	63	83240	51.900	ug/L 99
20) cis-1,2-Dichloroethene	4.23	96	44881	51.330	ug/L 95
22) 2-Butanone	4.26	43	78487	95.245	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	21346	52.284	ug/L	95
25) Chloroform	4.67	83	81210	52.176	ug/L	99
27) 1,2-Dichloroethane	5.40	62	69303	51.307	ug/L	100
29) Cyclohexane	5.00	56	84427	51.123	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	71541	51.226	ug/L	99
31) Carbon tetrachloride	5.13	117	62850	50.010	ug/L	99
33) Benzene	5.39	78	176375	51.458	ug/L	100
34) Trichloroethene	6.19	95	43892	51.152	ug/L	97
35) Methylcyclohexane	6.42	83	76724	51.702	ug/L	99
37) 1,2-Dichloropropane	6.43	63	52234	51.578	ug/L	100
38) Bromodichloromethane	6.76	83	64731	51.436	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	81468	52.245	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	155877	95.770	ug/L	98
42) Toluene	7.64	91	187214	52.155	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	74993	50.841	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	42279	50.542	ug/L	96
46) Tetrachloroethene	8.23	164	34792	52.503	ug/L	95
48) 2-Hexanone	8.36	43	119702	94.833	ug/L	97
49) Dibromochloromethane	8.48	129	49986	50.429	ug/L	100
50) 1,2-Dibromoethane	8.58	107	45636	51.114	ug/L	96
51) Chlorobenzene	9.12	112	114301	51.939	ug/L	100
52) Ethylbenzene	9.25	91	213187	52.504	ug/L	98
53) m,p-Xylene	9.38	106	76329	52.037	ug/L	99
54) o-xylene	9.78	106	75117	51.375	ug/L	98
55) Styrene	9.79	104	128728	51.724	ug/L	99
56) Isopropylbenzene	10.17	105	202853	52.387	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	73240	49.236	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	57480	48.026	ug/L	99
61) Bromoform	9.96	173	38278	50.083	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	91438	53.187	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	91008	51.915	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	91654	51.833	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	17298	46.948	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	71075	53.454	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	65723	55.678	ug/L	98
69) Naphthalene	13.74	128	204300	53.587	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	67985	55.107	ug/L	98

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

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