

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030344.D
 Acq On : 23 Mar 2019 16:52
 Operator : JC/SP
 Sample : K2063-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6R3

Quant Time: Mar 24 12:18:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Mar 24 02:05:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	449118	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	437332	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	218453	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	165377	45.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.50%
7) Chloroethane-d5	1.66	69	129303	45.13	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.26%
11) 1,1-Dichloroethene-d2	2.27	63	288890	42.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.26%
21) 2-Butanone-d5	4.17	46	308560	90.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.81%
24) Chloroform-d	4.64	84	281461	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.31	65	189655	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.34	84	587536	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.32	67	207056	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.56	98	537331	47.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.42%
43) trans-1,3-Dichloropropene-	7.85	79	95002	47.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.16%
47) 2-Hexanone-d5	8.31	63	229843	98.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	300175	48.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	204007	46.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.22%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	173300	32.976	ug/L	98
8) Chloroethane	1.68	64	137133	46.221	ug/L	99
12) 1,1-Dichloroethene	2.28	96	94092	29.282	ug/L	90
14) Carbon disulfide	2.47	76	490637	46.180	ug/L	99
15) Methyl Acetate	2.61	43	300539	57.121	ug/L #	100
16) Methylene chloride	2.70	84	111776	29.507	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	421474	37.806	ug/L	100
19) 1,1-Dichloroethane	3.44	63	138051	19.960	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	70522	18.653	ug/L	98
27) 1,2-Dichloroethane	5.40	62	283233	54.889	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	198128	36.999	ug/L	98
34) Trichloroethene	6.18	95	224630	61.379	ug/L	99
37) 1,2-Dichloropropane	6.43	63	97402	23.055	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	315964	44.524	ug/L	99
42) Toluene	7.63	91	432462	27.990	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	84043	15.729	ug/L	96
45) 1,1,2-Trichloroethane	8.06	97	133655	37.441	ug/L	98

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46) Tetrachloroethene	8.22	164	87222	34.122	ug/L	97
48) 2-Hexanone	8.36	43	258266	44.405	ug/L	100
50) 1,2-Dibromoethane	8.58	107	141781	37.008	ug/L	98
51) Chlorobenzene	9.12	112	436377	46.602	ug/L	99
52) Ethylbenzene	9.25	91	948356	56.662	ug/L	100
53) m,p-Xylene	9.37	106	233800	38.687	ug/L	99
54) o-xylene	9.77	106	113620	19.269	ug/L	98
55) Styrene	9.79	104	328748	32.365	ug/L	93
56) Isopropylbenzene	10.16	105	596987	38.235	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	425696	64.704	ug/L	98
61) Bromoform	9.95	173	50231	17.294	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	131731	18.439	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	266430	36.226	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	399846	55.352	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	108411	67.401	ug/L	96
70) 1,2,3-Trichlorobenzene	13.98	180	161979	33.010	ug/L	100

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

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