

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032526.D
 Acq On : 07 Jun 2019 03:16
 Operator : JC/SP
 Sample : K3215-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J4

Quant Time: Jun 07 07:40:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 07:01:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226725	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	219474	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	124879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44051	29.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.90%#
7) Chloroethane-d5	1.68	69	41463	35.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.16%
11) 1,1-Dichloroethene-d2	2.27	63	75805	26.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.64%#
21) 2-Butanone-d5	4.17	46	156362	127.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.02%
24) Chloroform-d	4.64	84	118974	43.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.74%
26) 1,2-Dichloroethane-d4	5.30	65	83392	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
32) Benzene-d6	5.33	84	235632	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
36) 1,2-Dichloropropane-d6	6.32	67	80655	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.28%
41) Toluene-d8	7.56	98	224364	41.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.06%
43) trans-1,3-Dichloropropene-	7.85	79	37734	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.31	63	117427	135.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.50%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137932	53.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.56%
64) 1,2-Dichlorobenzene-d4	11.85	152	115084	48.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.22%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	20134	10.205	ug/L #	1
13) Acetone	2.32	43	2065287	1626.016	ug/L	98
16) Methylene chloride	2.69	84	8475	5.521	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	2470	1.694	ug/L	85
19) 1,1-Dichloroethane	3.44	63	47925	18.033	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	5197	3.150	ug/L	93
22) 2-Butanone	4.26	43	43797	29.175	ug/L	99
29) Cyclohexane	4.99	56	3469	1.329	ug/L	97
33) Benzene	5.38	78	190312	30.862	ug/L	100
34) Trichloroethene	6.18	95	17330	10.330	ug/L	97
35) Methylcyclohexane	6.41	83	1734	0.638	ug/L #	28
37) 1,2-Dichloropropane	6.43	63	11093	6.786	ug/L #	98
40) 4-Methyl-2-pentanone	7.45	43	662223	251.816	ug/L	98
42) Toluene	7.63	91	381369	56.471	ug/L	100
46) Tetrachloroethene	8.22	164	2836	2.047	ug/L	96
51) Chlorobenzene	9.12	112	21414	4.922	ug/L	95
52) Ethylbenzene	9.24	91	120234	15.972	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.37	106	139362	48.687	ug/L	98
54) o-xylene	9.77	106	102001	35.890	ug/L	98
56) Isopropylbenzene	10.16	105	48314	6.447	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	3781	0.979	ug/L #	88

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

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