

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\
 Data File : VU030242.D
 Acq On : 20 Mar 2019 22:49
 Operator : JC/SP
 Sample : K2022-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09C8

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 12:14:46 PM

Quant Time: Mar 22 02:50:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:27:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	537396	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	535747	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	315526	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	143959	39.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.24%
7) Chloroethane-d5	1.68	69	129003	44.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	209022	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	4.17	46	266029	98.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	4.65	84	298846	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
26) 1,2-Dichloroethane-d4	5.31	65	179035	47.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.14%
32) Benzene-d6	5.34	84	635569	45.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.04%
36) 1,2-Dichloropropane-d6	6.33	67	204149	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.46%
41) Toluene-d8	7.56	98	583082	43.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.84%
43) trans-1,3-Dichloropropene-	7.85	79	90287	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.90%
47) 2-Hexanone-d5	8.31	63	218518	96.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	315122	47.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.06%
64) 1,2-Dichlorobenzene-d4	11.88	152	297671	46.99	ug/L	0.03
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

					Ovalue
13) Acetone	2.32	43	9297	3.300	ug/L 94
29) Cyclohexane	4.99	56	12310	2.115	ug/L 98
31) Carbon tetrachloride	5.13	117	7663	1.499	ug/L 99
33) Benzene	5.39	78	111409	7.208	ug/L 100
35) Methylcyclohexane	6.41	83	53883	8.434	ug/L # 77
46) Tetrachloroethene	8.22	164	4475m	1.300	ug/L
51) Chlorobenzene	9.11	112	23572685m	2117.815	ug/L
62) 1,3-Dichlorobenzene	11.42	146	7150176	710.277	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	23581504m	2258.346	ug/L
65) 1,2-Dichlorobenzene	11.88	146	34847209m	3388.121	ug/L
67) 1,3,5-Trichlorobenzene	12.89	180	20364	2.588	ug/L 98
68) 1,2,4-trichlorobenzene	13.50	180	23117109m	3322.668	ug/L
70) 1,2,3-Trichlorobenzene	13.99	180	4997721	688.435	ug/L 99

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

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