

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U071819\
 Data File : VU033321.D
 Acq On : 18 Jul 2019 16:01
 Operator : JC/SP
 Sample : K3828-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAMR0MS

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 10:56:56 AM

Quant Time: Jul 19 04:28:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 01:43:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	385686	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	376395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	192593	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	156456	53.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.18%
7) Chloroethane-d5	1.67	69	131540	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.48%
11) 1,1-Dichloroethene-d2	2.26	63	268397	50.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.36%
21) 2-Butanone-d5	4.15	46	212148	114.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.68%
24) Chloroform-d	4.62	84	243622	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.58%
26) 1,2-Dichloroethane-d4	5.29	65	159870	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
32) Benzene-d6	5.32	84	521857	56.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.04%
36) 1,2-Dichloropropane-d6	6.31	67	164478	55.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.22%
41) Toluene-d8	7.55	98	491862	56.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.98%
43) trans-1,3-Dichloropropene-	7.83	79	81254	56.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.04%
47) 2-Hexanone-d5	8.29	63	167758	125.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.81%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	236874	52.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	196685	57.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.27	96	116333	45.190	ug/L	96
13) Acetone	2.31	43	27368	11.841	ug/L	98
16) Methylene chloride	2.69	84	3045	1.036	ug/L #	68
22) 2-Butanone	4.26	43	6874m	2.677	ug/L	
29) Cyclohexane	4.97	56	64558	15.740	ug/L	95
33) Benzene	5.37	78	525060	47.834	ug/L	100
34) Trichloroethene	6.16	95	134934	47.004	ug/L	98
35) Methylcyclohexane	6.39	83	96823	22.018	ug/L	92
42) Toluene	7.62	91	581290	49.120	ug/L	99
51) Chlorobenzene	9.10	112	371843	48.140	ug/L	99
52) Ethylbenzene	9.23	91	198813	15.700	ug/L	99
53) m,p-Xylene	9.36	106	119334	24.880	ug/L	99
56) Isopropylbenzene	10.15	105	72410	5.908	ug/L	98

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

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