

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110519\
 Data File : VU035625.D
 Acq On : 05 Nov 2019 13:05
 Operator : JC/SP
 Sample : K5631-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE882

Quant Time: Nov 06 05:08:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 06 03:03:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	650833	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	630773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	215841	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	184303	35.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.12%
7) Chloroethane-d5	1.93	69	170616	40.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.28%
11) 1,1-Dichloroethene-d2	2.60	63	248620	30.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.82%
21) 2-Butanone-d5	4.69	46	274887	89.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.52%
24) Chloroform-d	5.11	84	361471	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.75	65	228492	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
32) Benzene-d6	5.77	84	755449	45.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.90%
36) 1,2-Dichloropropane-d6	6.74	67	252245	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.62%
41) Toluene-d8	7.93	98	678482	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%
43) trans-1,3-Dichloropropene-	8.21	79	109782	44.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.40%
47) 2-Hexanone-d5	8.68	63	185523	90.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	343948	45.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.72%
64) 1,2-Dichlorobenzene-d4	12.22	152	206884	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5509	1.361	ug/L #	59
12) 1,1-Dichloroethene	2.61	96	10895	2.740	ug/L #	1
13) Acetone	2.67	43	63773	23.606	ug/L	98
20) cis-1,2-Dichloroethene	4.72	96	13291	2.815	ug/L	97
22) 2-Butanone	4.78	43	15646	4.387	ug/L	85
30) 1,1,1-Trichloroethane	5.37	97	12729	1.920	ug/L	98
34) Trichloroethene	6.58	95	52983	11.756	ug/L	97
42) Toluene	8.01	91	74903	4.031	ug/L	98
46) Tetrachloroethene	8.58	164	50264	13.338	ug/L	98
52) Ethylbenzene	9.60	91	67557	3.401	ug/L	100
53) m,p-Xylene	9.72	106	205273	27.541	ug/L	96
54) o-xylene	10.13	106	73624	10.107	ug/L	97

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

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