

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031119\
 Data File : VU029900.D
 Acq On : 08 Mar 2019 20:06
 Operator : JC/SP
 Sample : K1763-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0958

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 10:52:22 AM

Quant Time: Mar 11 10:50:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 22:13:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	470927	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461280	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	231460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	123610	35.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.64%
7) Chloroethane-d5	1.68	69	114902	37.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.90%
11) 1,1-Dichloroethene-d2	2.27	63	229970	34.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.18%
21) 2-Butanone-d5	4.17	46	245703	117.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.00%
24) Chloroform-d	4.65	84	287904	51.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.88%
26) 1,2-Dichloroethane-d4	5.31	65	169723	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.80%
32) Benzene-d6	5.34	84	573705	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.86%
36) 1,2-Dichloropropane-d6	6.33	67	184625	52.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.74%
41) Toluene-d8	7.56	98	529238	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%
43) trans-1,3-Dichloropropene-	7.85	79	82057	44.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.60%
47) 2-Hexanone-d5	8.31	63	202003	103.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294113	49.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	236705	47.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	100697	32.290	ug/L	93
13) Acetone	2.32	43	58663	26.142	ug/L	98
16) Methylene chloride	2.70	84	6641043	2200.732	ug/L	98
19) 1,1-Dichloroethane	3.44	63	13287	2.670	ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	242206	72.418	ug/L	95
22) 2-Butanone	4.27	43	11642m	4.546	ug/L	
23) Bromochloromethane	4.56	128	5565	3.035	ug/L	99
25) Chloroform	4.67	83	319951	57.617	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	11981	2.450	ug/L	98
31) Carbon tetrachloride	5.13	117	5921	1.338	ug/L	99
34) Trichloroethene	6.19	95	12410514	3895.411	ug/L	94
38) Bromodichloromethane	6.76	83	14428	3.447	ug/L #	99
42) Toluene	7.64	91	34387	2.459	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	9905	2.993	ug/L	91
46) Tetrachloroethene	8.22	164	66952	21.471	ug/L	97
49) Dibromochloromethane	8.48	129	5369	1.338	ug/L	96
54) o-xylene	9.77	106	141280	22.058	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.88	146	14087	1.829	ug/L	99

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

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