

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121119\
 Data File : VU036134.D
 Acq On : 11 Dec 2019 15:35
 Operator : JC/MD
 Sample : K6167-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFR92

Quant Time: Dec 12 07:43:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 12 06:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	311764	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	336962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	129727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136148	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.93	69	127571	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	145437	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.70	46	267499	56.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.98%
24) Chloroform-d	5.11	84	220110	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.75	65	109174	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.77	84	414240	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	135411	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.93	98	329429	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.21	79	48473	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.68	63	204075	52.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	117403	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	124548	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	24051	0.770	ug/L	83
8) Chloroethane	1.95	64	16508	0.695	ug/L	97
13) Acetone	2.68	43	192470	32.021	ug/L	95
16) Methylene chloride	3.08	84	9717	0.308	ug/L	96
19) 1,1-Dichloroethane	3.92	63	59789	1.439	ug/L	99
21) 2-Butanone	4.78	43	11941	1.985	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	58285	2.399	ug/L	99
25) Chloroform	5.14	83	49002	1.058	ug/L	92
29) 1,1,1-Trichloroethane	5.36	97	25328	0.667	ug/L	97
33) Benzene	5.82	78	67891	0.737	ug/L	100
38) Bromodichloromethane	7.14	83	6695	0.216	ug/L	97
42) Toluene	8.00	91	15785	0.160	ug/L	92
51) Chlorobenzene	9.48	112	245216	3.562	ug/L	99
53) m,p-Xylene	9.72	106	4431	0.108	ug/L	91
54) o-Xylene	10.13	106	5065	0.131	ug/L	74
55) Styrene	10.14	104	8104	0.122	ug/L	98
56) Isopropylbenzene	10.51	105	23107	0.226	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,4-Dichlorobenzene	11.86	146	8344	0.200	ug/L	90
65) 1,2-Dichlorobenzene	12.24	146	7348	0.175	ug/L	97

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

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