

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120619\
 Data File : VU036028.D
 Acq On : 06 Dec 2019 17:18
 Operator : JC/SP
 Sample : K6167-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFR90

Quant Time: Dec 07 00:05:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 22:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	285141	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	294860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	120921	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113739	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.93	69	127444	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	133595	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	4.70	46	301541	52.39	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.78%
24) Chloroform-d	5.11	84	197759	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.75	65	105254	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.77	84	384485	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.73	67	122656	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.93	98	318123	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	8.21	79	42593	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.68	63	226857	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	116273	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	124195	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	4645	0.138 ug/L	98
5) Vinyl chloride	1.62	62	160616	4.716 ug/L	98
8) Chloroethane	1.95	64	89349	4.230 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4245	0.194 ug/L #	59
13) Acetone	2.69	43	56381	10.834 ug/L	92
15) Methyl Acetate	3.00	43	8297	0.890 ug/L	90
16) Methylene chloride	3.08	84	20077	0.634 ug/L	91
18) trans-1,2-Dichloroethene	3.39	96	2803	0.130 ug/L	91
19) 1,1-Dichloroethane	3.92	63	373128	8.821 ug/L	99
21) 2-Butanone	4.78	43	151210	22.635 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	394928	17.275 ug/L	89
25) Chloroform	5.13	83	63678	1.492 ug/L	99
27) 1,2-Dichloroethane	5.84	62	4548	0.167 ug/L #	82
29) 1,1,1-Trichloroethane	5.36	97	166435	4.667 ug/L	97
33) Benzene	5.82	78	171817	1.853 ug/L	100
34) Trichloroethene	6.58	95	6926	0.295 ug/L	97
38) Bromodichloromethane	7.14	83	9045	0.301 ug/L	99

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42) Toluene	8.00	91	58778	0.607	ug/L	97
47) Tetrachloroethene	8.59	164	1786	0.094	ug/L	79
51) Chlorobenzene	9.47	112	101402	1.677	ug/L	93
52) Ethylbenzene	9.60	91	18601	0.190	ug/L	96
53) m,p-Xylene	9.72	106	13342	0.361	ug/L	97
54) o-Xylene	10.12	106	10486	0.302	ug/L	75
55) Styrene	10.14	104	12088	0.207	ug/L	98
56) Isopropylbenzene	10.51	105	7892	0.087	ug/L	95
62) 1,3-Dichlorobenzene	11.77	146	6031	0.150	ug/L	92
63) 1,4-Dichlorobenzene	11.86	146	18146	0.455	ug/L	90
65) 1,2-Dichlorobenzene	12.24	146	18151	0.472	ug/L	96

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

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