

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120619\
 Data File : VU036031.D
 Acq On : 06 Dec 2019 18:34
 Operator : JC/SP
 Sample : K6168-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE40

Manual Integrations
 APPROVED

apatel
 12/11/2019 5:14:43 PM

Quant Time: Dec 07 00:40:45 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	287225	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	305618	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	88494	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110939	3.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.80%
7) Chloroethane-d5	1.93	69	122153	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.60	63	340603	7.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	144.80%#
20) 2-Butanone-d5	4.68	46	279977	48.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	5.11	84	202814	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.75	65	111026	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.77	84	388123	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.73	67	123384	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.93	98	324107	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.21	79	43769	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.67	63	253146	54.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.74%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	111566	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	93414	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	8011	0.236	ug/L	86
6) Bromomethane	1.87	94	2144	0.109	ug/L	85
9) Trichlorofluoromethane	2.16	101	13039	0.324	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	209699	9.499	ug/L	92
12) 1,1-Dichloroethene	2.61	96	423674	20.582	ug/L #	68
13) Acetone	2.66	43	6179	1.179	ug/L	94
16) Methylene chloride	3.08	84	3414	0.107	ug/L	94
17) Methyl tert-butyl Ether	3.41	73	146068	3.029	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	5100	0.234	ug/L	86
19) 1,1-Dichloroethane	3.92	63	176358	4.139	ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	854239	37.096	ug/L	89
25) Chloroform	5.14	83	40696	0.947	ug/L	98
27) 1,2-Dichloroethane	5.84	62	9754	0.355	ug/L #	93
29) 1,1,1-Trichloroethane	5.36	97	132540	3.586	ug/L	98
31) Carbon tetrachloride	5.57	117	3762m	0.115	ug/L	
33) Benzene	5.82	78	17720	0.184	ug/L	100
34) Trichloroethene	6.58	95	5811247	239.105	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.44	97	13818	0.780	ug/L	95
47) Tetrachloroethene	8.58	164	22664741m	1147.379	ug/L	
62) 1,3-Dichlorobenzene	11.77	146	1833	0.062	ug/L #	75
63) 1,4-Dichlorobenzene	11.86	146	3562	0.122	ug/L	90
65) 1,2-Dichlorobenzene	12.24	146	2893	0.103	ug/L #	86

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

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