

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036299.D
 Acq On : 19 Dec 2019 22:07
 Operator : JC/MD
 Sample : K6282-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX2

Manual Integrations
 APPROVED

apatel
 12/20/2019 1:05:43 PM

Quant Time: Dec 20 06:02:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 05:33:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.35	114	215304	5.00	ug/L	0.06
28) Chlorobenzene-d5	9.46	117	228758	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.84	152	97756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.66	65	117339	6.19	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.80%
7) Chloroethane-d5	1.98	69	100822	5.93	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.60%
11) 1,1-Dichloroethene-d2	2.65	63	167704	6.13	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.60%
20) 2-Butanone-d5	4.81	46	181601	51.13	ug/L	0.13
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.26%
24) Chloroform-d	5.17	84	158468	5.20	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.82	65	81349	5.08	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.84	84	276062	4.80	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.78	67	93147	5.14	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.96	98	225924	4.18	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.24	79	34495	4.63	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.70	63	147509	51.75	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.50%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	80502	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	85716	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.66	62	9331	0.326	ug/L #	73
9) Trichlorofluoromethane	2.21	101	47039	1.305	ug/L	97
12) 1,1-Dichloroethene	2.66	96	32091	2.009	ug/L #	41
13) Acetone	2.83	43	37296m	12.048	ug/L	
14) Carbon disulfide	2.87	76	13867	0.259	ug/L #	86
17) Methyl tert-butyl Ether	3.50	73	15032	0.439	ug/L	98
18) trans-1,2-Dichloroethene	3.44	96	31534	1.885	ug/L	94
19) 1,1-Dichloroethane	3.97	63	19309	0.625	ug/L	96
22) cis-1,2-Dichloroethene	4.76	96	404448	22.539	ug/L	98
29) 1,1,1-Trichloroethane	5.42	97	2546	0.090	ug/L #	52
33) Benzene	5.89	78	12800m	0.182	ug/L	
34) Trichloroethene	6.63	95	5024528	277.213	ug/L	98
42) Toluene	8.03	91	418511	5.554	ug/L	95
47) Tetrachloroethene	8.60	164	10682	0.653	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	18085	0.553	ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	12033	0.383	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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