

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112519\
 Data File : VU035835.D
 Acq On : 25 Nov 2019 20:08
 Operator : JC/SP
 Sample : K5992-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARE7

Manual Integrations
 APPROVED

apatel
 11/27/2019 3:25:33 PM

Quant Time: Dec 06 00:23:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	262253	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	287663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	93743	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	159595	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	129771	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.61	63	534350	8.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	167.80%#
20) 2-Butanone-d5	4.70	46	446403	56.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.60%
24) Chloroform-d	5.11	84	257120	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.75	65	152216	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.77	84	517047	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.74	67	189319	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.93	98	438894	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.21	79	68931	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.68	63	343303	59.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.72%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	150438	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	108666	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.54	50	6907	0.158	ug/L	90
5) Vinyl chloride	1.62	62	3574020	81.614	ug/L	99
12) 1,1-Dichloroethene	2.61	96	601906	22.058	ug/L #	74
13) Acetone	2.67	43	8736	1.255	ug/L	92
18) trans-1,2-Dichloroethene	3.39	96	133131	4.955	ug/L	98
19) 1,1-Dichloroethane	3.92	63	12058	0.200	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	15099678	504.293	ug/L	86
25) Chloroform	5.14	83	45132	0.768	ug/L	100
27) 1,2-Dichloroethane	5.84	62	6998	0.181	ug/L	100
30) Cyclohexane	5.43	56	14255	0.314	ug/L	98
33) Benzene	5.82	78	59920	0.499	ug/L	100
34) Trichloroethene	6.57	95	39734250m	1349.667	ug/L	
45) 1,1,2-Trichloroethane	8.43	97	25382	1.144	ug/L	95
47) Tetrachloroethene	8.58	164	138935	6.202	ug/L	98

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

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