

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028145.D
 Acq On : 15 Nov 2018 01:42
 Operator : MD/SY
 Sample : J5943-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 07:38:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127409	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54145	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.68	69	41825	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.27	63	69328	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.22	46	165918	53.10	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.20%
24) Chloroform-d	4.65	84	85166	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.31	65	49813	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.34	84	177422	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.33	67	66554	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.57	98	158634	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.85	79	19907	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.32	63	136600	51.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	48780	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	59078	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	743459	53.466	ug/L	98
8) Chloroethane	1.70	64	78434	9.369	ug/L	98
13) Acetone	2.37	43	21364m	10.152	ug/L	
16) Methylene chloride	2.70	84	3761	0.369	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	257784	28.090	ug/L	99
19) 1,1-Dichloroethane	3.45	63	426744	22.111	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	585117	57.827	ug/L	98
27) 1,2-Dichloroethane	5.41	62	10477	0.921	ug/L #	90
29) 1,1,1-Trichloroethane	4.91	97	6232	0.432	ug/L	98
30) Cyclohexane	4.99	56	17161	0.849	ug/L	98
33) Benzene	5.39	78	437554	10.194	ug/L	100
34) Trichloroethene	6.19	95	12028	1.134	ug/L	95
35) Methylcyclohexane	6.41	83	9991	0.548	ug/L #	84
42) Toluene	7.64	91	8482261	191.660	ug/L	98
51) Chlorobenzene	9.12	112	46066	1.780	ug/L	96
52) Ethylbenzene	9.25	91	2894749	59.926	ug/L	100
53) m,p-xylene	9.38	106	2503479	142.247	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-xylene	9.78	106	1211364	71.491	ug/L	100
56) Isopropylbenzene	10.17	105	84302	1.839	ug/L	98

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

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