

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092518\
 Data File : VR025853.D
 Acq On : 25 Sep 2018 18:34
 Operator : SY/MD
 Sample : J5011-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BE9G1

Quant Time: Sep 26 07:24:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 26 06:56:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	392574	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	311630	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	100272	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	131820	4.69	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	2.62	69	110140	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	3.65	63	1071941	15.76	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	315.20%#
20) 2-Butanone-d5	6.60	46	190420	50.81	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	7.20	84	256119	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	7.90	65	113104	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	7.85	84	517288	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	8.90	67	144394	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	9.97	98	437920	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	10.24	79	35174	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	10.59	63	139553	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55252	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	76841	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.17	62	1756027	41.649	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	3.69	101	209271	6.569	ug/L	98
12) 1,1-Dichloroethene	3.65	96	1417556	41.859	ug/L #	58
13) Acetone	3.70	43	21252	8.594	ug/L	77
18) trans-1,2-Dichloroethene	4.89	96	53915	1.407	ug/L	94
19) 1,1-Dichloroethane	5.69	63	4849629	61.910	ug/L	95
22) cis-1,2-Dichloroethene	6.67	96	14118963	365.865	ug/L #	68
25) Chloroform	7.23	83	120020	1.666	ug/L	98
27) 1,2-Dichloroethane	7.99	62	16892	0.454	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	16216176	257.637	ug/L	94
33) Benzene	7.91	78	185018	1.131	ug/L	100
34) Trichloroethene	8.73	95	21099316	485.935	ug/L #	68
35) Methylcyclohexane	8.95	83	14781	0.208	ug/L #	71
42) Toluene	10.04	91	108345	0.650	ug/L	97
45) 1,1,2-Trichloroethane	10.45	97	77035	5.038	ug/L	91
47) Tetrachloroethene	10.51	164	2209393	88.970	ug/L	90
51) Chlorobenzene	11.32	112	30248	0.346	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	11.39	91	425686	2.219	ug/L	100
53) m,p-Xylene	11.51	106	36272	0.524	ug/L	84
54) o-Xylene	11.83	106	55976	0.884	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	13270	0.296	ug/L	86
65) 1,2-Dichlorobenzene	13.53	146	234105	6.627	ug/L	94

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

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