

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\
 Data File : VR026107.D
 Acq On : 16 Oct 2018 18:47
 Operator : SY/MD
 Sample : J5464-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JD7

Quant Time: Oct 17 09:34:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 08:49:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	588300	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	475767	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	168695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	933907	18.14	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	362.80%#
7) Chloroethane-d5	2.63	69	223211	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	3.63	63	677683	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.20%
20) 2-Butanone-d5	6.64	46	235778	55.78	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.56%
24) Chloroform-d	7.20	84	388879	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	7.90	65	169602	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	7.85	84	793916	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	8.90	67	222493	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	9.97	98	731259	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	10.24	79	52961	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	10.59	63	176322	58.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78209	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	134621	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.17	62	54013597	864.021	ug/L #	42
12) 1,1-Dichloroethene	3.63	96	372061	6.504	ug/L	94
13) Acetone	3.70	43	19630	4.492	ug/L	65
14) Carbon disulfide	3.94	76	19514	0.130	ug/L	99
17) Methyl tert-butyl Ether	4.88	73	12644	0.243	ug/L #	1
18) trans-1,2-Dichloroethene	4.88	96	665381	15.380	ug/L	95
22) cis-1,2-Dichloroethene	6.67	96	29433341	719.213	ug/L #	64
30) Cyclohexane	7.53	56	72169	1.106	ug/L #	91
33) Benzene	7.91	78	1670895	9.360	ug/L	100
34) Trichloroethene	8.71	95	7877070	172.393	ug/L	89
35) Methylcyclohexane	8.95	83	29883	0.439	ug/L #	78
42) Toluene	10.04	91	208839	1.108	ug/L	94
47) Tetrachloroethene	10.51	164	76572	2.347	ug/L	95
52) Ethylbenzene	11.39	91	56377	0.260	ug/L	97
53) m,p-Xylene	11.51	106	36771	0.466	ug/L	100
54) o-Xylene	11.83	106	193133	2.669	ug/L	99
56) Isopropylbenzene	12.13	105	39307	0.196	ug/L	96

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

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