

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\
 Data File : VR026108.D
 Acq On : 16 Oct 2018 19:19
 Operator : SY/MD
 Sample : J5464-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JD8

Quant Time: Oct 17 09:37:29 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	575208	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	493733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	166310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	277442	5.51	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.20%
7) Chloroethane-d5	2.62	69	219718	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	3.61	63	652053	5.27	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	6.59	46	216924	52.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.98%
24) Chloroform-d	7.20	84	364505	4.56	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	7.90	65	152990	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	7.85	84	742034	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.89	67	203415	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	9.97	98	696106	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	10.24	79	46101	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	10.59	63	177913	57.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75763	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	148477	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	2.16	62	1144205	18.720	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	2656133	50.491	ug/L	100
12) 1,1-Dichloroethene	3.62	96	320781	5.735	ug/L	93
13) Acetone	3.69	43	48228	11.288	ug/L	75
17) Methyl tert-butyl Ether	4.89	73	28718	0.566	ug/L #	76
18) trans-1,2-Dichloroethene	4.89	96	48291	1.142	ug/L	97
19) 1,1-Dichloroethane	5.69	63	71365	0.899	ug/L	99
22) cis-1,2-Dichloroethene	6.67	96	9969297	249.147	ug/L #	76
27) 1,2-Dichloroethane	7.99	62	6179	0.163	ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	7390	0.110	ug/L	93
34) Trichloroethene	8.71	95	10637508	224.335	ug/L	85
45) 1,1,2-Trichloroethane	10.45	97	8487	0.515	ug/L	90
47) Tetrachloroethene	10.52	164	8998563	265.751	ug/L	91
51) Chlorobenzene	11.32	112	95550	0.883	ug/L	97
62) 1,3-Dichlorobenzene	13.16	146	17678	0.320	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	242321	4.235	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	1332721	30.055	ug/L	99

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

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