

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR111918\
 Data File : VR026225.D
 Acq On : 19 Nov 2018 17:17
 Operator : SY/MD
 Sample : J5997-08
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YA6

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 10:16:07 AM

Quant Time: Nov 20 04:59:17 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR110918WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Nov 20 04:16:20 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	548162	5.00	ug/L	0.02
28) Chlorobenzene-d5	11.30	117	671568	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	13.23	152	279203	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	157646	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	2.63	69	180282	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	3.64	63	334229	3.13	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	6.61	46	218746	62.20	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.40%
24) Chloroform-d	7.22	84	335391	4.67	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.91	65	131943	4.63	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	7.88	84	681039	3.54	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.80%
36) 1,2-Dichloropropane-d6	8.94	67	280323	5.48	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	10.02	98	199366	1.12	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	22.40%#
43) trans-1,3-Dichloropropene-	10.29	79	104954m	8.20	ug/L	0.05
Spiked Amount	5.000	Range	55 - 130	Recovery	=	164.00%#
46) 2-Hexanone-d5	10.61	63	461706	123.74	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	247.48%#
57) 1,1,2,2-Tetrachloroethane-	12.37	84	81547	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	205087	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

					Qvalue
13) Acetone	3.73	43	43575	11.723	ug/L 77
19) 1,1-Dichloroethane	5.72	63	72946	0.964	ug/L 89
22) cis-1,2-Dichloroethene	6.70	96	196731	5.382	ug/L # 92
29) 1,1,1-Trichloroethane	7.48	97	304127	3.383	ug/L 98
30) Cyclohexane	7.56	56	52142	0.662	ug/L # 83
34) Trichloroethene	8.73	95	68105	1.103	ug/L 97
35) Methylcyclohexane	8.99	83	900938	11.219	ug/L 84
42) Toluene	10.24	91	161986626m	641.462	ug/L
45) 1,1,2-Trichloroethane	10.46	97	983374	44.808	ug/L # 20
47) Tetrachloroethene	10.55	164	196425	4.656	ug/L 94
52) Ethylbenzene	11.41	91	28750548	100.375	ug/L # 3
53) m,p-Xylene	11.52	106	20544160	197.599	ug/L # 33
54) o-Xylene	11.84	106	5027452	52.989	ug/L 60
56) Isopropylbenzene	12.14	105	1379470	5.384	ug/L 98
65) 1,2-Dichlorobenzene	13.53	146	18257	0.257	ug/L 98

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

