

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062518\
 Data File : VR025432.D
 Acq On : 25 Jun 2018 16:52
 Operator : SY/MD
 Sample : J3673-14MSD
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZA7MSD

Manual Integrations
 APPROVED

MMDadoda

6/28/2018 5:14:43 PM

Quant Time: Jun 26 02:08:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	528799	5.00	ug/L	0.02
28) Chlorobenzene-d5	11.29	117	392947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	155943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	84060	4.67	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	2.63	69	59728	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	3.66	63	515266	11.12	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	222.40%#
20) 2-Butanone-d5	6.66	46	121753	25.22	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.44%
24) Chloroform-d	7.21	84	328199	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	7.91	65	137983	5.36	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	7.87	84	665705	5.00	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	8.95	67	143460	3.79	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.80%
41) Toluene-d8	9.98	98	505088	4.29	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	10.24	79	62416	6.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	124.00%
46) 2-Hexanone-d5	10.59	63	230641	65.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.94%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86919	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	127761	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

						Ovalue
5) Vinyl chloride	2.17	62	2692467	122.97	ug/L	99
12) 1,1-Dichloroethene	3.67	96	579133	31.16	ug/L #	65
13) Acetone	3.73	43	35630	16.34	ug/L	90
18) trans-1,2-Dichloroethene	4.94	96	20001059	523.42	ug/L	97
19) 1,1-Dichloroethane	5.76	63	91307	1.27	ug/L	94
22) cis-1,2-Dichloroethene	6.69	96	46873618	1175.51	ug/L #	84
25) Chloroform	7.24	83	64248	0.98	ug/L	96
27) 1,2-Dichloroethane	8.00	62	56206	1.88	ug/L #	74
33) Benzene	7.92	78	1112759	7.21	ug/L	100
34) Trichloroethene	8.82	95	109193668m	2925.38	ug/L	
42) Toluene	10.04	91	957689	5.79	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	79546	5.00	ug/L	92
47) Tetrachloroethene	10.52	164	456395	18.32	ug/L	97
51) Chlorobenzene	11.32	112	483027	5.46	ug/L	98
54) o-Xylene	11.83	106	13463	0.24	ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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