

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008318.D
 Acq On : 17 Oct 2018 01:46
 Operator : SY/MD
 Sample : J5463-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB6

Quant Time: Oct 17 06:46:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	74724	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	68937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27578	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43728	10.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	207.00%#
7) Chloroethane-d5	1.58	69	16488	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.14	63	57957	7.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	143.00%#
20) 2-Butanone-d5	3.97	46	65170	46.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.02%
24) Chloroform-d	4.41	84	40773	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.09	65	22085	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	90388	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.13	67	30793	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	80129	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	11244	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.14	63	46171	47.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19422	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	25185	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	731	0.124	ug/L	96
5) Vinyl chloride	1.32	62	3321492	597.405	ug/L	99
8) Chloroethane	1.32	64	1080949	374.019	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	395	0.102	ug/L #	35
12) 1,1-Dichloroethene	2.14	96	43491	12.116	ug/L #	80
13) Acetone	2.20	43	2412	3.147	ug/L	81
17) Methyl tert-butyl Ether	2.81	73	16758	1.643	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	26536	6.871	ug/L	99
19) 1,1-Dichloroethane	3.23	63	38272	4.796	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	11478655	1840.848	ug/L #	96
25) Chloroform	4.44	83	1451	0.148	ug/L	86
27) 1,2-Dichloroethane	5.19	62	1045	0.180	ug/L #	41
33) Benzene	5.15	78	3230	0.139	ug/L	100
34) Trichloroethene	5.97	95	6599322	1025.111	ug/L	97
35) Methylcyclohexane	6.12	83	7227	0.666	ug/L #	18
37) 1,2-Dichloropropane	6.23	63	841	0.134	ug/L #	23
39) cis-1,3-Dichloropropene	7.04	75	734	0.082	ug/L #	52

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42) Toluene	7.43	91	96660	3.992	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	1451	0.373	ug/L	91
47) Tetrachloroethene	8.03	164	672	0.167	ug/L	91
48) 2-Hexanone	8.19	43	11163	3.979	ug/L #	90
49) Dibromochloromethane	8.02	129	773	0.174	ug/L #	10
51) Chlorobenzene	8.93	112	2593	0.180	ug/L	90
52) Ethylbenzene	9.06	91	42614	1.600	ug/L	99
53) m,p-xylene	9.19	106	20169	2.094	ug/L	98
54) o-xylene	9.59	106	16271	1.696	ug/L	99
56) Isopropylbenzene	9.98	105	4516	0.179	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	1236	0.132	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	11348	1.228	ug/L	94
65) 1,2-Dichlorobenzene	11.69	146	55385	6.189	ug/L	97

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

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