

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\
 Data File : VV007648.D
 Acq On : 20 Sep 2018 11:33
 Operator : SY/MD
 Sample : J4900-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A3Z91

Quant Time: Sep 21 01:49:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 01:37:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	111738	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21710	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	24335	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.14	63	54666	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	3.96	46	60026	51.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.48%
24) Chloroform-d	4.41	84	52602	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	27878	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	103622	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	30793	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	105978	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.67	79	12182	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.14	63	44598	46.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24976	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	49006	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	21379	3.066	ug/L	99
6) Bromomethane	1.54	94	15414	2.827	ug/L	100
9) Trichlorofluoromethane	1.77	101	109930	6.474	ug/L	100
12) 1,1-Dichloroethene	2.15	96	26060	3.201	ug/L	89
13) Acetone	2.21	43	81167	71.920	ug/L	97
14) Carbon disulfide	2.32	76	98301	4.530	ug/L	100
16) Methylene chloride	2.54	84	18235	2.206	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	151206	7.936	ug/L	100
19) 1,1-Dichloroethane	3.23	63	95270	7.851	ug/L	99
21) 2-Butanone	4.05	43	156578	109.990	ug/L	99
27) 1,2-Dichloroethane	5.19	62	53265	6.802	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	99303	7.951	ug/L	98
30) Cyclohexane	4.73	56	108442	10.177	ug/L	98
34) Trichloroethene	5.96	95	40548	4.935	ug/L	96
35) Methylcyclohexane	6.18	83	74740	5.892	ug/L	99
37) 1,2-Dichloropropane	6.23	63	13339	1.977	ug/L	98
42) Toluene	7.43	91	258453	8.125	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Tetrachloroethene	8.02	164	64394	7.975	ug/L	97
48) 2-Hexanone	8.19	43	136323	52.748	ug/L	98
50) 1,2-Dibromoethane	8.40	107	74431	15.122	ug/L	96
51) Chlorobenzene	8.93	112	220511	9.995	ug/L	98
52) Ethylbenzene	9.06	91	216287	6.014	ug/L	98
53) m,p-xylene	9.19	106	173096	12.245	ug/L	95
54) o-xylene	9.59	106	70180	5.045	ug/L	98
55) Styrene	9.61	104	116502	5.124	ug/L	99
56) Isopropylbenzene	9.98	105	119920	3.168	ug/L	98
61) Bromoform	9.78	173	17731	4.743	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	79063	4.086	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	202186	11.168	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3285	3.989	ug/L	92
70) 1,2,3-Trichlorobenzene	13.80	180	117407	9.378	ug/L	98

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

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