

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008788.D
 Acq On : 30 Nov 2018 01:56
 Operator : SY/MD
 Sample : J6136-01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALP5

Quant Time: Nov 30 07:03:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144760	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49157	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.59	69	31775	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.14	63	91411	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.20%
20) 2-Butanone-d5	3.96	46	112632	50.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.41	84	102673	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.09	65	48339	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	213148	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.12	67	62129	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	187879	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	20715	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.14	63	85305	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39293	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	67770	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34853	2.721	ug/L 98
3) Chloromethane	1.25	50	73384	7.652	ug/L 99
5) Vinyl chloride	1.33	62	51651	5.414	ug/L 98
6) Bromomethane	1.54	94	33643	5.621	ug/L 94
8) Chloroethane	1.60	64	24745	4.530	ug/L 98
9) Trichlorofluoromethane	1.77	101	142053	9.968	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35074	4.301	ug/L 99
12) 1,1-Dichloroethene	2.15	96	44724	6.282	ug/L 86
16) Methylene chloride	2.54	84	27935	3.480	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	107248	6.118	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	54738	6.997	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	77892	7.087	ug/L 98
23) Bromochloromethane	4.31	128	11214	2.487	ug/L 96
25) Chloroform	4.43	83	95629	5.060	ug/L 96
27) 1,2-Dichloroethane	5.18	62	62264	5.734	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	88112	5.621	ug/L 99
31) Carbon tetrachloride	4.88	117	74067	5.459	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.96	95	103458	9.240	ug/L	99
37) 1,2-Dichloropropane	6.23	63	56990	5.693	ug/L	99
38) Bromodichloromethane	6.56	83	26211	2.293	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	24608	1.872	ug/L	99
42) Toluene	7.43	91	145875	3.461	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	64225	9.671	ug/L	98
47) Tetrachloroethene	8.02	164	48948	5.653	ug/L	98
49) Dibromochloromethane	8.29	129	48977	6.773	ug/L	98
52) Ethylbenzene	9.06	91	526799	11.550	ug/L	100
54) o-xylene	9.59	106	57666	3.495	ug/L	97
55) Styrene	9.61	104	96811	3.529	ug/L	99
56) Isopropylbenzene	9.98	105	366849	8.162	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	37619	5.312	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	50297	2.369	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	45847	2.289	ug/L	99

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

