

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120718\
 Data File : VV008877.D
 Acq On : 07 Dec 2018 15:52
 Operator : SY/MD
 Sample : J6096-28
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4120

Quant Time: Dec 08 00:34:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 07 22:19:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	112055	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26106	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	20848	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	66616	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.60%
20) 2-Butanone-d5	3.98	46	75554	51.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.40	84	66106	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	32439	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	130217	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	39228	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	117184	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	14609	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	60219	52.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25990	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	44727	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	22537	2.117 ug/L	99
3) Chloromethane	1.25	50	42541	6.032 ug/L	98
5) Vinyl chloride	1.32	62	33008	4.593 ug/L	97
6) Bromomethane	1.54	94	22022	5.228 ug/L	99
8) Chloroethane	1.60	64	17356	4.299 ug/L	98
9) Trichlorofluoromethane	1.77	101	106438	9.190 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	31191	4.950 ug/L	99
12) 1,1-Dichloroethene	2.14	96	36808	6.704 ug/L	100
16) Methylene chloride	2.54	84	23526	3.968 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	82970	6.155 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	44529	7.420 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	50031	6.090 ug/L	97
23) Bromochloromethane	4.30	128	6942	1.998 ug/L	93
25) Chloroform	4.43	83	64592	4.543 ug/L	100
27) 1,2-Dichloroethane	5.18	62	39694	4.892 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	63498	5.119 ug/L	98
31) Carbon tetrachloride	4.87	117	56625	5.071 ug/L	98

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34) Trichloroethene	5.96	95	69294	8.000	ug/L	99
37) 1,2-Dichloropropane	6.22	63	34857	4.776	ug/L	100
38) Bromodichloromethane	6.56	83	17920	1.995	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	18043	1.764	ug/L	100
42) Toluene	7.43	91	96597	3.005	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	41063	8.013	ug/L	97
47) Tetrachloroethene	8.02	164	35596	5.122	ug/L	96
49) Dibromochloromethane	8.29	129	34270	5.718	ug/L	94
52) Ethylbenzene	9.05	91	354487	10.100	ug/L	100
54) o-xylene	9.59	106	39177	3.064	ug/L	100
55) Styrene	9.60	104	66303	3.134	ug/L	97
56) Isopropylbenzene	9.97	105	253652	7.332	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	23374	4.520	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	33383	2.074	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	30380	2.043	ug/L	96

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

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