

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071718\
 Data File : VV006620.D
 Acq On : 17 Jul 2018 16:21
 Operator : SY/MD
 Sample : J3983-01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB168

Quant Time: Jul 18 04:04:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 15:32:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	230403	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	105096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97451	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.57	69	71536	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.13	63	182663	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	3.95	46	149915	48.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	4.40	84	155938	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.09	65	76379	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.10	84	323654	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.12	67	103462	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	286811	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	35041	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.14	63	184413	42.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78609	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	108476	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	55193	2.36	ug/L 98
3) Chloromethane	1.27	50	175950	6.77	ug/L 99
5) Vinyl chloride	1.32	62	133375	4.82	ug/L 99
6) Bromomethane	1.52	94	55230	5.02	ug/L 98
8) Chloroethane	1.59	64	69104	4.44	ug/L 98
9) Trichlorofluoromethane	1.76	101	295547	9.75	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	88344	4.88	ug/L 99
12) 1,1-Dichloroethene	2.14	96	110712	6.00	ug/L 92
16) Methylene chloride	2.54	84	73832	3.20	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	252623	5.31	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	136522	6.73	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	138099	6.49	ug/L 99
23) Bromochloromethane	4.30	128	18392	2.12	ug/L 95
25) Chloroform	4.43	83	168662	4.78	ug/L 98
27) 1,2-Dichloroethane	5.19	62	106563	5.10	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	153515	5.45	ug/L 99
31) Carbon tetrachloride	4.87	117	130895	5.60	ug/L 100

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

34) Trichloroethene	5.96	95	174844	8.77	ug/L	99
37) 1,2-Dichloropropane	6.23	63	106357	5.19	ug/L	100
38) Bromodichloromethane	6.56	83	48074	2.09	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	49047	1.81	ug/L	99
42) Toluene	7.43	91	272596	3.29	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	122158	8.50	ug/L	99
47) Tetrachloroethene	8.02	164	89528	5.63	ug/L	98
49) Dibromochloromethane	8.30	129	88679	6.08	ug/L	100
52) Ethylbenzene	9.06	91	1003400	11.47	ug/L	99
54) o-xylene	9.59	106	108177	3.31	ug/L	100
55) Styrene	9.61	104	186916	3.33	ug/L	100
56) Isopropylbenzene	9.98	105	701500	8.38	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	88086	4.95	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	90631	2.25	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	86464	2.18	ug/L	99

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

