

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV082818\
 Data File : VV007232.D
 Acq On : 28 Aug 2018 19:58
 Operator : SY/MD
 Sample : J4628-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3H3

Quant Time: Aug 29 04:15:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234911	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76279	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	64752	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	149371	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	3.97	46	223141	53.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	4.40	84	167020	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	81741	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	305516	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	103163	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	232293	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	33515	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.15	63	86554	42.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83110	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	97005	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	44451	2.575	ug/L 98
3) Chloromethane	1.25	50	149236	7.888	ug/L 100
5) Vinyl chloride	1.32	62	103314	5.703	ug/L 96
6) Bromomethane	1.54	94	37131	5.725	ug/L 100
8) Chloroethane	1.60	64	58401	5.259	ug/L 98
9) Trichlorofluoromethane	1.77	101	259783	10.254	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72875	4.579	ug/L 98
12) 1,1-Dichloroethene	2.14	96	95863	6.744	ug/L 98
16) Methylene chloride	2.54	84	62107	3.604	ug/L 99
17) Methyl tert-butyl Ether	2.82	73	213905	5.844	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	118936	7.509	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	123314	6.784	ug/L 96
23) Bromochloromethane	4.31	128	19402	2.357	ug/L 97
25) Chloroform	4.43	83	168665	5.225	ug/L 98
27) 1,2-Dichloroethane	5.19	62	106119	5.592	ug/L 97
29) 1,1,1-Trichloroethane	4.66	97	154163	5.666	ug/L 100
31) Carbon tetrachloride	4.88	117	132878	5.766	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.96	95	154666	8.865	ug/L	100
37) 1,2-Dichloropropane	6.23	63	98240	5.351	ug/L	100
38) Bromodichloromethane	6.56	83	48258	2.192	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	44001	1.932	ug/L	98
42) Toluene	7.44	91	214966	3.165	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	117777	8.899	ug/L	96
47) Tetrachloroethene	8.02	164	81427	5.647	ug/L	98
49) Dibromochloromethane	8.30	129	96849	6.502	ug/L	97
52) Ethylbenzene	9.06	91	778374	11.410	ug/L	100
54) o-xylene	9.59	106	78631	3.252	ug/L	98
55) Styrene	9.61	104	132451	3.125	ug/L	99
56) Isopropylbenzene	9.98	105	510256	7.936	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	84701	5.472	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	73499	2.160	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	71770	2.110	ug/L	97

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

