

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014332.D
 Acq On : 17 Jan 2020 12:49
 Operator : SY/MD
 Sample : L1169-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF758

Quant Time: Jan 17 23:33:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	838646	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	748874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	358755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	245419	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.59	69	206844	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.13	63	306876	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.93	46	685331	48.62	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.24%
24) Chloroform-d	4.40	84	470542	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.08	65	261688	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.10	84	1112627	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	353692	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.36	98	987031	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	137036	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.13	63	614589	47.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.72%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	241648	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	321636	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
5) Vinyl chloride	1.33	62	287073	4.891	ug/L 97
8) Chloroethane	1.60	64	4112	0.125	ug/L 89
12) 1,1-Dichloroethene	2.14	96	14650	0.391	ug/L # 1
13) Acetone	2.19	43	16850	1.736	ug/L 90
14) Carbon disulfide	2.32	76	10771	0.065	ug/L # 77
17) Methyl tert-butyl Ether	2.81	73	150791	1.087	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	556712	9.885	ug/L 95
19) 1,1-Dichloroethane	3.23	63	395314	3.581	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	3733679	60.475	ug/L # 96
25) Chloroform	4.42	83	62109	0.588	ug/L 100
33) Benzene	5.15	78	324378	1.406	ug/L 100
34) Trichloroethene	5.97	95	6325	0.107	ug/L 88
42) Toluene	7.43	91	34432	0.141	ug/L 93
51) Chlorobenzene	8.92	112	489005	3.266	ug/L 97
53) m,p-xylene	9.18	106	10529	0.105	ug/L 97
62) 1,3-Dichlorobenzene	11.22	146	839966	7.489	ug/L 99
63) 1,4-Dichlorobenzene	11.31	146	4238776	38.007	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.68	146	120114	1.186	ug/L	97

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

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