

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070120\
 Data File : VV017294.D
 Acq On : 01 Jul 2020 17:10
 Operator : SY/MD
 Sample : L3150-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 02 06:06:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 02 03:02:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172475m	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.89	117	183046	5.00	ug/L	0.02
61) 1,4-Dichlorobenzene-d4	11.28	152	90374	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46551	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	39016	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.14	63	756586	38.40	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	768.00%#
20) 2-Butanone-d5	3.97	46	122762	46.53	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	4.40	84	116853	5.28	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.08	65	67762	5.77	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.11	84	213124m	4.49	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.03	67	3206532m	225.53	ug/L	-0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	4510.60%#
41) Toluene-d8	7.38	98	216956	4.87	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloropropene-	7.68	79	31248	5.28	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
48) 2-Hexanone-d5	8.13	63	123406	54.70	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	52497	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	86199	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	365229	32.271 ug/L	98
9) Trichlorofluoromethane	1.77	101	6460	0.352 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	383262	41.956 ug/L	98
12) 1,1-Dichloroethene	2.14	96	1175752	142.039 ug/L #	65
13) Acetone	2.22	43	11520	8.638 ug/L	67
16) Methylene chloride	2.53	84	85111	9.601 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	314315	35.833 ug/L	97
19) 1,1-Dichloroethane	3.23	63	1756945	89.145 ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	45812748m	3819.281 ug/L	
25) Chloroform	4.42	83	33872	1.573 ug/L	92
29) 1,1,1-Trichloroethane	4.67	97	25234455	1150.672 ug/L	98
33) Benzene	5.15	78	80643m	1.682 ug/L	
34) Trichloroethene	5.95	95	177250190m	12627.791 ug/L	
39) cis-1,3-Dichloropropene	7.05	75	2569	0.146 ug/L #	75
40) 4-Methyl-2-pentanone	7.29	43	204282	29.816 ug/L	98
42) Toluene	7.45	91	3372043	60.505 ug/L	98
47) 1,1,2-Trichloroethane	7.89	97	172119	20.450 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Tetrachloroethene	8.03	164	2144815	189.840	ug/L	99
53) Chlorobenzene	8.92	112	88012	2.533	ug/L	96
54) Ethylbenzene	9.05	91	143479	2.412	ug/L	98
55) m,p-xylene	9.17	106	118976	5.099	ug/L	99
56) o-xylene	9.58	106	48916	2.247	ug/L	99
58) Isopropylbenzene	9.96	105	6500	0.108	ug/L #	93

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

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