

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV070620\
 Data File : VV017346.D
 Acq On : 06 Jul 2020 12:53
 Operator : SY/MD
 Sample : L3154-16MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 07 02:13:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161933	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157406	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38975	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	34974	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	83267	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	3.96	46	117510	47.44	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.88%
24) Chloroform-d	4.38	84	100618	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.06	65	57411	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.07	84	175083	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.10	67	51925	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.34	98	153715	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
45) trans-1,3-Dichloropropene-	7.65	79	19316	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
48) 2-Hexanone-d5	8.11	63	82003	42.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39440	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	68295	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	343582	32.334	ug/L	100
12) 1,1-Dichloroethene	2.14	96	42718	5.497	ug/L	85
18) trans-1,2-Dichloroethene	2.78	96	27305	3.316	ug/L	96
19) 1,1-Dichloroethane	3.21	63	125298	6.771	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	96360	8.556	ug/L #	97
30) Cyclohexane	4.70	56	3288	0.183	ug/L #	87
33) Benzene	5.13	78	226849	5.503	ug/L	100
34) Trichloroethene	5.94	95	58805	4.872	ug/L	96
35) Methylcyclohexane	6.15	83	2502m	0.133	ug/L	
42) Toluene	7.41	91	222036	4.633	ug/L	99
53) Chlorobenzene	8.90	112	147852	4.949	ug/L	97

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

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