

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017345.D
 Acq On : 06 Jul 2020 12:29
 Operator : SY/MD
 Sample : L3154-15MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4288MS

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:26:29 PM

Quant Time: Jul 07 02:07:29 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	173733	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	164390	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83305	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38978	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.58	69	33705	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	85063	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.95	46	114416	43.05	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.10%
24) Chloroform-d	4.38	84	100079	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.06	65	56385	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.08	84	178358	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.09	67	51964	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.34	98	152709	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
45) trans-1,3-Dichloropropene-	7.64	79	19652	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
48) 2-Hexanone-d5	8.11	63	80181	39.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39595	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	67529	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	309164	27.119	ug/L	100
12) 1,1-Dichloroethene	2.14	96	42972	5.154	ug/L	84
18) trans-1,2-Dichloroethene	2.78	96	25884	2.930	ug/L	94
19) 1,1-Dichloroethane	3.21	63	125893	6.341	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	84932	7.029	ug/L	98
30) Cyclohexane	4.71	56	2590m	0.138	ug/L	
33) Benzene	5.13	78	224914	5.224	ug/L	100
34) Trichloroethene	5.94	95	59055	4.685	ug/L	97
35) Methylcyclohexane	6.15	83	2012m	0.103	ug/L	
42) Toluene	7.41	91	222576	4.447	ug/L	99
53) Chlorobenzene	8.90	112	150087	4.810	ug/L	97

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

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