

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016041.D
 Acq On : 13 May 2020 15:22
 Operator : SY/MD
 Sample : L2542-19MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4220MSD

Manual Integrations
 APPROVED

apatel
 5/15/2020 9:09:24 AM

Quant Time: May 14 04:24:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	156680	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155760	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48880	5.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.00%
7) Chloroethane-d5	1.58	69	44914	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.13	63	96115	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	3.94	46	124766	51.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	4.38	84	94518	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.06	65	54176	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.08	84	188273	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.10	67	58601	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	167576	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
45) trans-1,3-Dichloropropene-	7.65	79	18237	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.12	63	93518	47.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40765	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	59654	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	44922	5.210	ug/L	91
13) Acetone	2.22	43	2533m	1.584	ug/L	
17) Methyl tert-butyl Ether	2.79	73	6581	0.294	ug/L	95
22) cis-1,2-Dichloroethene	3.95	96	3432	0.344	ug/L	98
25) Chloroform	4.41	83	6408	0.317	ug/L	99
33) Benzene	5.13	78	220517	5.627	ug/L	100
34) Trichloroethene	5.94	95	69541	6.217	ug/L	95
42) Toluene	7.41	91	232975	5.609	ug/L	99
49) Tetrachloroethene	8.00	164	90176	11.554	ug/L	99
53) Chlorobenzene	8.90	112	151686	5.678	ug/L	96

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

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