

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\  
 Data File : VX018687.D  
 Acq On : 30 Sep 2020 09:51  
 Operator : JC/SP  
 Sample : L4135-08DL 10X  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BG482DL

Quant Time: Oct 01 01:19:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 01 01:06:26 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	246500	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	233521	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	109147	5.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44507	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.70	69	39623	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.34	63	82935	2.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.20%#
20) 2-Butanone-d5	4.55	46	148929	45.28	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.56%
24) Chloroform-d	5.13	84	118035	3.86	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	6.03	65	67806	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
32) Benzene-d6	6.05	84	213679	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	7.37	67	67344	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	8.70	98	182722	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
45) trans-1,3-Dichloropropene-	8.99	79	26394	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
48) 2-Hexanone-d5	9.43	63	110446	42.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.44%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52804	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	73567	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
33) Benzene	6.10	78	493504	10.961	ug/L	100
53) Chlorobenzene	10.12	112	37920	1.180	ug/L	95
55) m,p-xylene	10.34	106	9981	0.493	ug/L	99
58) Isopropylbenzene	11.00	105	86851	1.692	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	4711	0.197	ug/L #	82
66) 1,2-Dichlorobenzene	12.37	146	6999	0.317	ug/L	92

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

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