

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\  
 Data File : VV015871.D  
 Acq On : 01 May 2020 20:22  
 Operator : SY/MD  
 Sample : L2432-03  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampled :

Quant Time: May 02 06:21:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat May 02 00:06:27 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121790	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63156	5.00	ug/L	0.00

## System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28769	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	27153	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.12	63	43120	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.94	46	80768	39.52	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.04%
24) Chloroform-d	4.38	84	64345	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.06	65	37461	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.08	84	120834	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.10	67	41716	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.34	98	105924	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	7.65	79	12644	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.11	63	67639	39.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28397	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	46191	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.23	43	5523m	3.892	ug/L	
33) Benzene	5.13	78	13610	0.404	ug/L	100
42) Toluene	7.41	91	160550	4.457	ug/L	99
52) Ethylbenzene	9.03	91	805137	19.313	ug/L	99
53) m,p-xylene	9.16	106	472046	30.913	ug/L	99
54) o-xylene	9.56	106	272138	18.418	ug/L	97
56) Isopropylbenzene	9.95	105	43064	1.039	ug/L	# 96

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

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