

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012123\
 Data File : VU052764.D
 Acq On : 20 Jan 2023 16:42
 Operator : JC/MD
 Sample : 01216-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH206

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/27/2023
 Supervised By :Mahesh Dadoda 01/27/2023

Quant Time: Jan 21 01:56:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 21 01:44:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.301	114	126838	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.436	117	123824	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.816	152	80701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43003	3.859	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	77.200%		
7) Chloroethane-d5	1.938	69	38161	4.204	ug/L	0.03
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.000%		
11) 1,1-Dichloroethene-d2	2.620	65	19551	3.984	ug/L	0.05
Spiked Amount 5.000	Range 60 - 125		Recovery =	79.600%		
20) 2-Butanone-d5	4.764	46	109100	36.617	ug/L	0.12
Spiked Amount 50.000	Range 40 - 130		Recovery =	73.240%		
24) Chloroform-d	5.112	84	87585	4.214	ug/L	0.05
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.200%		
26) 1,2-Dichloroethane-d4	5.716	65	52327	4.902	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.000%		
32) Benzene-d6	5.726	84	166292	4.143	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.800%		
36) 1,2-Dichloropropane-d6	6.771	67	61110	4.569	ug/L	0.08
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.400%		
41) Toluene-d8	7.941	98	164545	4.650	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.000%		
43) trans-1,3-Dichloroprop...	8.218	79	25957	5.219	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery =	104.400%		
46) 2-Hexanone-d5	8.674	63	132165	63.971	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery =	127.940%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	57765	5.641	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery =	112.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	77929	5.305	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	106.000%		
Target Compounds						
22) cis-1,2-Dichloroethene	4.726	96	2417	0.201	ug/L	80
33) Benzene	5.771	78	507039	10.346	ug/L	100
42) Toluene	8.012	91	7102756	145.483	ug/L	97
52) Ethylbenzene	9.587	91	2010246	40.423	ug/L	98
53) m,p-Xylene	9.710	106	3065666	162.731	ug/L	96
54) o-Xylene	10.111	106	1361117	75.563	ug/L	99
55) Styrene	10.124	104	1229685	40.024	ug/L	95
60) Isopropylbenzene	10.491	105	109045m	1.906	ug/L	
62) 1,3,5-Trimethylbenzene	11.092	105	855886	18.760	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	2928606	63.721	ug/L	98

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

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