

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061114.D
 Acq On : 11 Oct 2024 13:25
 Operator : MD/SY
 Sample : P4380-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27G7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 14 04:18:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	156587	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	146300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72169	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.583	65	46021	4.111	ug/L	-0.01
Spiked Amount 5.000	Range 40 - 130		Recovery =	82.200%		
7) Chloroethane-d5	1.901	69	40230	4.801	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	96.000%		
11) 1,1-Dichloroethene-d2	2.551	65	21100	4.272	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	85.400%		
20) 2-Butanone-d5	4.692	46	127780	47.650	ug/L	0.07
Spiked Amount 50.000	Range 40 - 130		Recovery =	95.300%		
24) Chloroform-d	5.049	84	101251	5.132	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.600%		
26) 1,2-Dichloroethane-d4	5.692	65	53566	5.122	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.400%		
32) Benzene-d6	5.711	84	196126	5.084	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.600%		
36) 1,2-Dichloropropane-d6	6.682	67	66918	5.282	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	105.600%		
41) Toluene-d8	7.888	98	180198	4.998	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.000%		
43) trans-1,3-Dichloroprop...	8.174	79	25516	4.711	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	94.200%		
46) 2-Hexanone-d5	8.634	63	124689	55.615	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	111.220%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	49162	5.292	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	105.800%		
66) 1,2-Dichlorobenzene-d4	12.184	152	64210	5.564	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	111.200%		
Target Compounds						Qvalue
14) Carbon disulfide	2.772	76	4378	0.142	ug/L #	87
18) trans-1,2-Dichloroethene	3.325	96	2043	0.206	ug/L	91
22) cis-1,2-Dichloroethene	4.647	96	43580	3.948	ug/L	97
30) Cyclohexane	5.357	56	3464	0.184	ug/L #	76
33) Benzene	5.759	78	39753	0.922	ug/L	100
34) Trichloroethene	6.531	95	20275	1.734	ug/L	96
35) Methylcyclohexane	6.746	83	2799	0.148	ug/L #	66
42) Toluene	7.959	91	174078	3.789	ug/L	100
47) Tetrachloroethene	8.541	164	173602	22.816	ug/L	96
52) Ethylbenzene	9.563	91	26305	0.505	ug/L	96
53) m,p-Xylene	9.685	106	25688	1.353	ug/L	94
54) o-Xylene	10.094	106	13901	0.744	ug/L	91
55) Styrene	10.110	104	7787	0.258	ug/L	85
60) Isopropylbenzene	10.476	105	5015m	0.104	ug/L	
62) 1,3,5-Trimethylbenzene	11.081	105	39393	0.926	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	76553	1.783	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	3056	0.274	ug/L #	87

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

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