

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092424\
 Data File : VW030224.D
 Acq On : 24 Sep 2024 15:15
 Operator : SY/MD
 Sample : P4131-20
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4E66

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/25/2024
 Supervised By :Semsettin Yesilyurt 09/25/2024

Quant Time: Sep 25 01:21:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 25 01:17:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	277177	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	245645	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121797	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	77593	21.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.720%		
7) Chloroethane-d5	2.899	69	65652	25.980	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.920%		
11) 1,1-Dichloroethene-d2	4.021	65	31931	17.854	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.400%		
21) 2-Butanone-d5	7.075	46	39179	45.203	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.400%		
24) Chloroform-d	7.655	84	179481	23.550	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.200%		
26) 1,2-Dichloroethane-d4	8.307	65	84139	21.985	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.960%		
32) Benzene-d6	8.276	84	292029	20.636	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.560%		
36) 1,2-Dichloropropane-d6	9.276	67	88515	20.259	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.040%		
41) Toluene-d8	10.325	98	277063	21.848	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.400%		
43) trans-1,3-Dichloroprop...	10.575	79	37365	21.345	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.400%		
47) 2-Hexanone-d5	10.922	63	33402	49.959	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.920%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	76229	23.434	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.720%		
66) 1,2-Dichlorobenzene-d4	13.849	152	88346	21.368	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.480%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	4.045	96	145824m	44.074	ug/L	
13) Acetone	4.119	43	75976	76.404	ug/L	99
16) Methylene chloride	4.917	84	305064	74.639	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	113887	31.224	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	246087	42.810	ug/L	97
19) 1,1-Dichloroethane	6.222	63	601343	81.193	ug/L	99
22) 2-Butanone	7.167	43	232883	197.844	ug/L	100
25) Chloroform	7.679	83	644639	85.696	ug/L	96
31) Carbon tetrachloride	8.069	117	85159	15.773	ug/L	97
33) Benzene	8.325	78	985071	65.590	ug/L	100
34) Trichloroethene	9.093	95	389345	96.034	ug/L	95
37) 1,2-Dichloropropane	9.368	63	140234	34.450	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	374750	62.930	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	301741	145.069	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	354461	70.757	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	139109	46.964	ug/L	97
50) 1,2-Dibromoethane	11.233	107	123252	45.127	ug/L	99
53) m,p-Xylene	11.831	106	343818	51.082	ug/L	88
54) o-Xylene	12.160	106	418357	66.054	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,1,2,2-Tetrachloroethane	12.708	83	160471	45.388	ug/L	100
59) Bromoform	12.343	173	32776	17.003	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	181568	71.658	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	295991	37.243	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	299097	36.427	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	11377	20.588	ug/L #	89
70) 1,2,4-trichlorobenzene	15.123	180	84329	18.766	ug/L	98

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

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