

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100724\
 Data File : VW030416.D
 Acq On : 07 Oct 2024 14:39
 Operator : SY/MD
 Sample : P4284-08
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4E75

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 08 01:22:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 08 01:21:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	195800	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	185665	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	94700	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	41079	26.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.400%
7) Chloroethane-d5	2.899	69	31824	28.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.360%
11) 1,1-Dichloroethene-d2	4.021	65	24997	22.382	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.520%
21) 2-Butanone-d5	7.075	46	32932	53.522	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.040%
24) Chloroform-d	7.648	84	143381	27.258	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.040%
26) 1,2-Dichloroethane-d4	8.307	65	65624	23.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	8.270	84	237153	22.790	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.160%
36) 1,2-Dichloropropane-d6	9.270	67	74392	23.769	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	10.325	98	221195	23.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	10.575	79	30542	23.461	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.840%
47) 2-Hexanone-d5	10.922	63	28159	54.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64108	27.412	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	73501	23.377	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.520%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.045	96	118191m	51.957	ug/L	
13) Acetone	4.119	43	63824	97.785	ug/L	96
16) Methylene chloride	4.917	84	253071	83.976	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	93941	35.574	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	200880	47.827	ug/L	99
19) 1,1-Dichloroethane	6.216	63	505867	100.592	ug/L	99
22) 2-Butanone	7.167	43	205394	246.161	ug/L	99
25) Chloroform	7.679	83	522754	100.233	ug/L	100
31) Carbon tetrachloride	8.063	117	71737	18.662	ug/L	98
33) Benzene	8.325	78	834899	73.829	ug/L	100
34) Trichloroethene	9.093	95	326087	108.405	ug/L	97
37) 1,2-Dichloropropane	9.368	63	122382	41.017	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	318427	69.601	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	262988	171.364	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	306836	80.940	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	119374	56.773	ug/L	97
50) 1,2-Dibromoethane	11.233	107	106782	53.671	ug/L	96
53) m,p-Xylene	11.831	106	290818	56.802	ug/L	97
54) o-Xylene	12.166	106	362526	74.394	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
57) 1,1,2,2-Tetrachloroethane	12.708	83	136642	55.488	ug/L	98
59) Bromoform	12.349	173	29048	21.173	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	159686	88.700	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	276378	46.010	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	267019	43.514	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10319	25.017	ug/L	89
70) 1,2,4-trichlorobenzene	15.129	180	79563	23.178	ug/L	97

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

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