

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030870.D
 Acq On : 31 Oct 2024 18:50
 Operator : SY/MD
 Sample : P4581-02MS
 Misc : 5.07g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC9MS

Quant Time: Nov 01 03:16:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	436417	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	404028	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	191934	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	157462	22.954	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.800%		
7) Chloroethane-d5	2.899	69	138986	26.766	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	107.080%		
11) 1,1-Dichloroethene-d2	4.021	65	64620	22.648	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.600%		
21) 2-Butanone-d5	7.075	46	45040	36.484	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.960%		
24) Chloroform-d	7.648	84	270409	21.666	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.680%		
26) 1,2-Dichloroethane-d4	8.307	65	138323	21.313	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.240%		
32) Benzene-d6	8.276	84	490364	20.911	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.640%		
36) 1,2-Dichloropropane-d6	9.276	67	149273	21.688	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.760%		
41) Toluene-d8	10.319	98	454388	21.226	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.920%		
43) trans-1,3-Dichloroprop...	10.575	79	57844	20.071	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.280%		
47) 2-Hexanone-d5	10.922	63	38959	43.947	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.900%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115924	22.934	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.720%		
66) 1,2-Dichlorobenzene-d4	13.849	152	153815	23.685	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80847	14.500	ug/L	92
3) Chloromethane	2.229	50	122024	18.829	ug/L	97
5) Vinyl chloride	2.375	62	153508	19.262	ug/L	97
6) Bromomethane	2.790	94	107490	20.492	ug/L	88
8) Chloroethane	2.936	64	101560	20.847	ug/L	100
9) Trichlorofluoromethane	3.265	101	140076	19.643	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	118683	18.499	ug/L	97
12) 1,1-Dichloroethene	4.039	96	111330m	19.014	ug/L	
13) Acetone	4.119	43	48649	26.917	ug/L	99
14) Carbon disulfide	4.387	76	346315	18.112	ug/L	98
15) Methyl Acetate	4.667	43	39103	17.515	ug/L	98
16) Methylene chloride	4.923	84	115296	17.475	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	102251	16.184	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	149391	16.895	ug/L	99
19) 1,1-Dichloroethane	6.216	63	199927	17.026	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	109312	16.221	ug/L	98
22) 2-Butanone	7.167	43	48945	25.123	ug/L	95
23) Bromochloromethane	7.514	128	49577	16.816	ug/L	90
25) Chloroform	7.679	83	209913	16.728	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030870.D
 Acq On : 31 Oct 2024 18:50
 Operator : SY/MD
 Sample : P4581-02MS
 Misc : 5.07g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EC9MS

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/01/2024
 Supervised By :Semsettin Yesilyurt 11/04/2024

Quant Time: Nov 01 03:16:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136475	16.485	ug/L	100
29) Cyclohexane	7.959	56	158286	16.094	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	168777	15.736	ug/L	98
31) Carbon tetrachloride	8.069	117	150006	15.659	ug/L	98
33) Benzene	8.325	78	443270	16.859	ug/L	100
34) Trichloroethene	9.093	95	109887	15.023	ug/L	97
35) Methylcyclohexane	9.337	83	178714	15.525	ug/L	99
37) 1,2-Dichloropropane	9.368	63	112487	17.130	ug/L	100
38) Bromodichloromethane	9.642	83	149464	17.108	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	169515	17.114	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	107333	34.024	ug/L	98
42) Toluene	10.386	91	459696	16.388	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	139619	16.774	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	78676	16.578	ug/L	96
46) Tetrachloroethene	10.855	164	79689	14.771	ug/L	96
48) 2-Hexanone	10.965	43	77249	29.944	ug/L	100
49) Dibromochloromethane	11.129	129	90448	17.080	ug/L	99
50) 1,2-Dibromoethane	11.233	107	72337	16.335	ug/L	99
51) Chlorobenzene	11.654	112	292551	16.202	ug/L	94
52) Ethylbenzene	11.727	91	529657	16.548	ug/L	97
53) m,p-Xylene	11.837	106	211167	17.610	ug/L	98
54) o-Xylene	12.160	106	201697	18.194	ug/L	93
55) Styrene	12.178	104	344544	18.180	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	98537	18.412	ug/L	99
59) Bromoform	12.349	173	53609	19.880	ug/L	96
60) Isopropylbenzene	12.459	105	489884	16.481	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63931	17.117	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	413109	17.617	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	388690	16.929	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	211369	16.337	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	217469	16.279	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	204940	18.001	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	15673	18.820	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	133572	15.656	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	106716	15.538	ug/L	94
71) Naphthalene	15.360	128	214352	18.064	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	100264	16.839	ug/L	98

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

