

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029995.D
 Acq On : 22 Aug 2024 18:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: Aug 23 01:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 23 01:48:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	253188	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	241428	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124325	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	54114	15.055	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.200%		
7) Chloroethane-d5	2.899	69	48245	18.800	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.200%		
11) 1,1-Dichloroethene-d2	4.027	65	25589	15.596	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.400%		
21) 2-Butanone-d5	7.081	46	34494	35.013	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.020%		
24) Chloroform-d	7.648	84	149820	22.859	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.440%		
26) 1,2-Dichloroethane-d4	8.307	65	77599	20.787	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.160%		
32) Benzene-d6	8.276	84	259015	19.856	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.440%		
36) 1,2-Dichloropropane-d6	9.276	67	80001	19.207	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.840%		
41) Toluene-d8	10.318	98	240851	20.765	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.040%		
43) trans-1,3-Dichloroprop...	10.575	79	33770	20.036	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.160%		
47) 2-Hexanone-d5	10.922	63	26808	39.032	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.060%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70589	22.824	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.280%		
66) 1,2-Dichlorobenzene-d4	13.848	152	83993	21.758	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	58668	17.190	ug/L	95
3) Chloromethane	2.222	50	68609	16.246	ug/L	98
5) Vinyl chloride	2.375	62	91348	19.305	ug/L	99
6) Bromomethane	2.789	94	59208	22.787	ug/L	99
8) Chloroethane	2.936	64	59354	22.049	ug/L	95
9) Trichlorofluoromethane	3.271	101	94404	24.977	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90033	23.916	ug/L	95
12) 1,1-Dichloroethene	4.045	96	77600	22.435	ug/L	84
13) Acetone	4.131	43	42995	35.117	ug/L	93
14) Carbon disulfide	4.393	76	200825	17.447	ug/L	99
15) Methyl Acetate	4.673	43	38617m	18.937	ug/L	
16) Methylene chloride	4.923	84	105996	20.026	ug/L	82
17) trans-1,2-Dichloroethene	5.429	96	87393	23.446	ug/L	89
18) Methyl tert-butyl Ether	5.423	73	141835	23.088	ug/L	97
19) 1,1-Dichloroethane	6.216	63	174237	22.164	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	100547	24.869	ug/L	94
22) 2-Butanone	7.173	43	53180	33.900	ug/L	87
23) Bromochloromethane	7.514	128	45945	26.767	ug/L #	68
25) Chloroform	7.679	83	195967	26.459	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029995.D
 Acq On : 22 Aug 2024 18:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: Aug 23 01:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 23 01:48:12 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123670	22.912	ug/L	98
29) Cyclohexane	7.959	56	120496	17.563	ug/L	92
30) 1,1,1-Trichloroethane	7.874	97	151123	24.718	ug/L	94
31) Carbon tetrachloride	8.069	117	133683	24.266	ug/L	95
33) Benzene	8.325	78	382334	23.113	ug/L	100
34) Trichloroethene	9.093	95	102313	23.594	ug/L	97
35) Methylcyclohexane	9.337	83	148622	20.568	ug/L	95
37) 1,2-Dichloropropane	9.367	63	100402	22.148	ug/L #	97
38) Bromodichloromethane	9.642	83	134434	24.904	ug/L	92
39) cis-1,3-Dichloropropene	10.068	75	150346	22.774	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	109300	37.960	ug/L #	89
42) Toluene	10.386	91	418513	24.786	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	125625	22.922	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	79324	26.047	ug/L	98
46) Tetrachloroethene	10.861	164	76514	24.276	ug/L	90
48) 2-Hexanone	10.965	43	79703	36.959	ug/L #	92
49) Dibromochloromethane	11.123	129	85135	26.929	ug/L	97
50) 1,2-Dibromoethane	11.233	107	72687	25.796	ug/L	99
51) Chlorobenzene	11.654	112	259401	24.698	ug/L	94
52) Ethylbenzene	11.727	91	475202	24.950	ug/L	96
53) m,p-Xylene	11.836	106	176932	25.259	ug/L	87
54) o-Xylene	12.160	106	162699	25.223	ug/L	87
55) Styrene	12.178	104	295034	26.387	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	94052	25.162	ug/L #	97
59) Bromoform	12.349	173	47006	25.127	ug/L #	94
60) Isopropylbenzene	12.458	105	462958	24.064	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	67266	22.246	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	384054	26.857	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	378077	24.722	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	212852	25.932	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	213690	25.345	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	184564	24.698	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	14510	21.134	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	136582	24.321	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	114641	24.231	ug/L	99
71) Naphthalene	15.360	128	224209	24.836	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108497	25.337	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029995.D
 Acq On : 22 Aug 2024 18:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: Aug 23 01:53:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 23 01:48:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

