

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
 Data File : VW029585.D
 Acq On : 16 Jul 2024 10:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 17 00:48:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 15 23:59:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	256342	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	230647	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	114089	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	90549	21.866	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.480%		
7) Chloroethane-d5	2.893	69	71317	23.918	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.680%		
11) 1,1-Dichloroethene-d2	4.015	65	45656	24.552	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	98.200%		
21) 2-Butanone-d5	7.075	46	65688	52.843	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.680%		
24) Chloroform-d	7.648	84	201031	27.127	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	108.520%		
26) 1,2-Dichloroethane-d4	8.301	65	117729	27.085	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.320%		
32) Benzene-d6	8.270	84	380346	27.527	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	110.120%		
36) 1,2-Dichloropropane-d6	9.270	67	123456	27.945	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	111.800%		
41) Toluene-d8	10.319	98	343275	28.250	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	113.000%		
43) trans-1,3-Dichloroprop...	10.575	79	47862	25.584	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.320%		
47) 2-Hexanone-d5	10.922	63	45776	57.023	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.040%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99851	27.838	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.360%		
66) 1,2-Dichlorobenzene-d4	13.848	152	106272	26.747	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	49473m	19.709	ug/L	
3) Chloromethane	2.222	50	73728	21.953	ug/L	97
5) Vinyl chloride	2.375	62	89910	23.459	ug/L	95
6) Bromomethane	2.783	94	51875	22.859	ug/L	96
8) Chloroethane	2.936	64	58150	24.657	ug/L	98
9) Trichlorofluoromethane	3.259	101	76809	22.263	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	88522m	26.072	ug/L	
12) 1,1-Dichloroethene	4.045	96	78140	24.512	ug/L	94
13) Acetone	4.118	43	55085	43.904	ug/L	99
14) Carbon disulfide	4.387	76	231869	22.397	ug/L	99
15) Methyl Acetate	4.667	43	52787	23.963	ug/L	98
16) Methylene chloride	4.917	84	101293	22.071	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	88687	25.131	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	153414	25.550	ug/L	99
19) 1,1-Dichloroethane	6.216	63	192560	26.570	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	101371	26.269	ug/L	99
22) 2-Butanone	7.167	43	77426	47.007	ug/L	99
23) Bromochloromethane	7.508	128	44159	25.441	ug/L	94
25) Chloroform	7.673	83	190764	27.204	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
 Data File : VW029585.D
 Acq On : 16 Jul 2024 10:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025541

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 17 00:48:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 15 23:59:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138174	26.271	ug/L	97
29) Cyclohexane	7.953	56	160103	27.877	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	138781	26.349	ug/L	98
31) Carbon tetrachloride	8.063	117	126443	26.214	ug/L	100
33) Benzene	8.319	78	402172	27.869	ug/L	100
34) Trichloroethene	9.087	95	103742	27.223	ug/L	93
35) Methylcyclohexane	9.331	83	171526	28.003	ug/L	99
37) 1,2-Dichloropropane	9.368	63	111207	27.868	ug/L	100
38) Bromodichloromethane	9.642	83	136075	27.917	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	168730	28.151	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	159427	56.687	ug/L	100
42) Toluene	10.386	91	415715	28.159	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	139502	27.156	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	76481	26.649	ug/L	97
46) Tetrachloroethene	10.861	164	76598	28.292	ug/L	89
48) 2-Hexanone	10.965	43	116062	54.931	ug/L	99
49) Dibromochloromethane	11.123	129	82232	27.533	ug/L	98
50) 1,2-Dibromoethane	11.233	107	70304	25.706	ug/L	95
51) Chlorobenzene	11.654	112	259323	27.172	ug/L	99
52) Ethylbenzene	11.727	91	484868	28.989	ug/L	100
53) m,p-Xylene	11.837	106	174683	28.449	ug/L	89
54) o-Xylene	12.160	106	168154	29.609	ug/L	100
55) Styrene	12.178	104	295439	29.585	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	94656	26.147	ug/L	98
59) Bromoform	12.349	173	46389	26.341	ug/L	96
60) Isopropylbenzene	12.458	105	463883	28.897	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71913	26.045	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	351096	30.748	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	377370	29.944	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	198116	27.534	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	196191	26.615	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	175032	26.910	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16629	25.192	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	127069	27.071	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	111247	26.935	ug/L	98
71) Naphthalene	15.360	128	224590	25.907	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97856	26.077	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071624\
Data File : VW029585.D
Acq On : 16 Jul 2024 10:14
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025541

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 07/17/2024
Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 17 00:48:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jul 15 23:59:48 2024
Response via : Initial Calibration

