

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032924\
 Data File : VW028274.D
 Acq On : 29 Mar 2024 09:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/30/2024
 Supervised By :Mahesh Dadoda 04/01/2024

Quant Time: Mar 30 00:48:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 23:31:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250963	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	221014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110796	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54072	18.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.640%
7) Chloroethane-d5	2.905	69	44577	21.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.920%
11) 1,1-Dichloroethene-d2	4.021	65	35221	18.915	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.640%
21) 2-Butanone-d5	7.081	46	39039	45.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.160%
24) Chloroform-d	7.648	84	173195	23.404	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	8.307	65	86998	21.333	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.320%
32) Benzene-d6	8.276	84	327061	24.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	9.276	67	98696	25.416	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	10.319	98	290669	23.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	10.575	79	38761	21.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.920%
47) 2-Hexanone-d5	10.922	63	29736	46.327	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70147	24.454	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.849	152	95999	23.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	70163	19.272	ug/L	93
3) Chloromethane	2.223	50	54917	21.268	ug/L	99
5) Vinyl chloride	2.375	62	70029	23.993	ug/L	99
6) Bromomethane	2.796	94	42211	24.284	ug/L	99
8) Chloroethane	2.942	64	39835	25.392	ug/L	98
9) Trichlorofluoromethane	3.271	101	83816	23.751	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85957	24.519	ug/L	98
12) 1,1-Dichloroethene	4.051	96	78810m	24.319	ug/L	
13) Acetone	4.125	43	35607	37.029	ug/L	99
14) Carbon disulfide	4.393	76	223514	22.113	ug/L	98
15) Methyl Acetate	4.673	43	29508	19.922	ug/L	99
16) Methylene chloride	4.917	84	81104	21.233	ug/L	97
17) trans-1,2-Dichloroethene	5.441	96	80758m	23.449	ug/L	
18) Methyl tert-butyl Ether	5.429	73	119239	22.947	ug/L	98
19) 1,1-Dichloroethane	6.216	63	163011	24.449	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	90912	24.441	ug/L	98
22) 2-Butanone	7.167	43	43796	40.114	ug/L	99
23) Bromochloromethane	7.520	128	37080	22.549	ug/L	93
25) Chloroform	7.679	83	164369	23.946	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032924\
 Data File : VW028274.D
 Acq On : 29 Mar 2024 09:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/30/2024
 Supervised By :Mahesh Dadoda 04/01/2024

Quant Time: Mar 30 00:48:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 23:31:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	102384	21.122	ug/L #	95
29) Cyclohexane	7.959	56	146287	25.376	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	141456	24.416	ug/L	99
31) Carbon tetrachloride	8.063	117	128107	23.574	ug/L	97
33) Benzene	8.325	78	346632	25.487	ug/L	100
34) Trichloroethene	9.093	95	93953	24.761	ug/L	92
35) Methylcyclohexane	9.337	83	155277	24.210	ug/L	99
37) 1,2-Dichloropropane	9.368	63	89214	25.646	ug/L	99
38) Bromodichloromethane	9.642	83	113300	24.157	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	138233	24.813	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	82500	42.965	ug/L	98
42) Toluene	10.386	91	377830	25.455	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	113071	24.040	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	59837	23.808	ug/L	96
46) Tetrachloroethene	10.861	164	73569	24.053	ug/L	94
48) 2-Hexanone	10.965	43	60874	40.471	ug/L	97
49) Dibromochloromethane	11.129	129	71600	24.054	ug/L	100
50) 1,2-Dibromoethane	11.233	107	55213	22.974	ug/L	96
51) Chlorobenzene	11.654	112	237669	25.227	ug/L	98
52) Ethylbenzene	11.727	91	433416	25.014	ug/L	98
53) m,p-Xylene	11.837	106	164056	25.160	ug/L	97
54) o-Xylene	12.160	106	154821	25.604	ug/L	98
55) Styrene	12.178	104	263567	25.377	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	64035	22.275	ug/L	93
59) Bromoform	12.349	173	38251	23.040	ug/L	98
60) Isopropylbenzene	12.459	105	443167	26.921	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	46937	22.197	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	287805	26.057	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	353752	26.524	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	190309	25.913	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	185785	25.299	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	161630	25.557	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	10053	20.239	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	133426	26.082	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	107403	24.714	ug/L	99
71) Naphthalene	15.360	128	171256	22.959	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	87266	24.358	ug/L	95

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

