

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026968.D
 Acq On : 31 Aug 2023 10:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/01/2023
 Supervised By : Mahesh Dadoda 09/05/2023

Quant Time: Sep 01 00:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 01:29:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	433969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	436008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	258001	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	189970	26.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.520%	
7) Chloroethane-d5	2.893	69	176969	33.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 133.440%	
11) 1,1-Dichloroethene-d2	4.015	65	73041	20.817	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 83.280%	
21) 2-Butanone-d5	7.075	46	101884	49.689	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.380%	
24) Chloroform-d	7.648	84	392399	26.941	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.760%	
26) 1,2-Dichloroethane-d4	8.307	65	204931	25.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.000%	
32) Benzene-d6	8.270	84	791172	26.329	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.320%	
36) 1,2-Dichloropropane-d6	9.270	67	247185	26.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.640%	
41) Toluene-d8	10.319	98	687289	26.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.560%	
43) trans-1,3-Dichloroprop...	10.575	79	91938	23.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.160%	
47) 2-Hexanone-d5	10.922	63	55115	56.038	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.080%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	224881	30.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 121.680%#	
66) 1,2-Dichlorobenzene-d4	13.855	152	242005	26.207	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.840%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	131700m	22.321	ug/L	
3) Chloromethane	2.222	50	180874	22.418	ug/L	95
5) Vinyl chloride	2.375	62	217006	28.136	ug/L	99
6) Bromomethane	2.783	94	140651	31.300	ug/L	98
8) Chloroethane	2.930	64	141082	30.528	ug/L	98
9) Trichlorofluoromethane	3.259	101	124089	19.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	162349	23.745	ug/L	94
12) 1,1-Dichloroethene	4.045	96	156003	24.321	ug/L	92
13) Acetone	4.118	43	108213	53.078	ug/L	88
14) Carbon disulfide	4.393	76	439769	19.057	ug/L	99
15) Methyl Acetate	4.667	43	84313m	20.645	ug/L	
16) Methylene chloride	4.917	84	200652	23.902	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	172150	24.051	ug/L	87
18) Methyl tert-butyl Ether	5.423	73	265533	24.517	ug/L	97
19) 1,1-Dichloroethane	6.216	63	361598	24.545	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	196485	25.539	ug/L	89
22) 2-Butanone	7.167	43	128284	42.697	ug/L	93
23) Bromochloromethane	7.514	128	86211	25.940	ug/L	88
25) Chloroform	7.673	83	362332	25.459	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083123\
 Data File : VW026968.D
 Acq On : 31 Aug 2023 10:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: Sep 01 00:40:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 01:29:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/01/2023
 Supervised By :Mahesh Dadoda 09/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	231572	23.323	ug/L	96
29) Cyclohexane	7.959	56	273300	20.269	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	265214	23.307	ug/L	99
31) Carbon tetrachloride	8.063	117	238465	22.920	ug/L	95
33) Benzene	8.325	78	790505	24.897	ug/L	100
34) Trichloroethene	9.087	95	192597	23.816	ug/L	98
35) Methylcyclohexane	9.331	83	317873	22.977	ug/L	94
37) 1,2-Dichloropropane	9.368	63	211201	24.285	ug/L	98
38) Bromodichloromethane	9.642	83	249991	24.503	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	313542	25.061	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	235435	41.618	ug/L	93
42) Toluene	10.386	91	826689	25.738	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	264706	24.581	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	155657	26.170	ug/L	98
46) Tetrachloroethene	10.861	164	149012	25.364	ug/L	96
48) 2-Hexanone	10.965	43	172397	44.786	ug/L	92
49) Dibromochloromethane	11.123	129	159844	25.695	ug/L	94
50) 1,2-Dibromoethane	11.233	107	138341	24.788	ug/L	90
51) Chlorobenzene	11.654	112	531400	26.192	ug/L	94
52) Ethylbenzene	11.727	91	931048	25.849	ug/L	100
53) m,p-Xylene	11.837	106	353950	26.526	ug/L	97
54) o-Xylene	12.166	106	340338	27.328	ug/L	100
55) Styrene	12.178	104	608494	28.101	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	200819	26.659	ug/L	97
59) Bromoform	12.349	173	95897	23.728	ug/L	93
60) Isopropylbenzene	12.465	105	930977	24.270	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	138830	22.183	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	748156	24.676	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	744693	25.065	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	411095	24.643	ug/L	89
65) 1,4-Dichlorobenzene	13.574	146	430272	24.715	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	371591	24.495	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	30621	20.296	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	280328	24.873	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	229777	24.046	ug/L	96
71) Naphthalene	15.360	128	418273	22.947	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	223698	25.955	ug/L	96

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

