

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102324\
 Data File : VW030717.D
 Acq On : 23 Oct 2024 09:53
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025533

Quant Time: Oct 24 01:28:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 23 01:34:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/24/2024
 Supervised By :Semsettin Yesilyurt 10/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	251775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234902	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118914	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69920m	17.668	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.680%		
7) Chloroethane-d5	2.899	69	65577	21.891	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.560%		
11) 1,1-Dichloroethene-d2	4.021	65	29359	17.836	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.360%		
21) 2-Butanone-d5	7.075	46	38466	54.010	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.020%		
24) Chloroform-d	7.648	84	176045	24.450	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.800%		
26) 1,2-Dichloroethane-d4	8.301	65	89221	23.830	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.320%		
32) Benzene-d6	8.276	84	304072	22.303	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.200%		
36) 1,2-Dichloropropane-d6	9.270	67	95409	23.843	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.360%		
41) Toluene-d8	10.319	98	274476	22.053	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.200%		
43) trans-1,3-Dichloroprop...	10.575	79	38303	22.859	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.440%		
47) 2-Hexanone-d5	10.922	63	29871	57.956	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.920%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84026	28.592	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	114.360%		
66) 1,2-Dichlorobenzene-d4	13.855	152	93475	23.232	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	72763	22.620	ug/L	95
3) Chloromethane	2.223	50	94105	25.171	ug/L	98
5) Vinyl chloride	2.375	62	115693	25.163	ug/L	98
6) Bromomethane	2.790	94	78561	25.960	ug/L	90
8) Chloroethane	2.936	64	78240	27.837	ug/L	99
9) Trichlorofluoromethane	3.259	101	95760	23.277	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	94769	25.604	ug/L	96
12) 1,1-Dichloroethene	4.039	96	81239	24.050	ug/L	92
13) Acetone	4.119	43	54268	52.046	ug/L	96
14) Carbon disulfide	4.387	76	240735	21.824	ug/L	98
15) Methyl Acetate	4.667	43	35623	27.658	ug/L	97
16) Methylene chloride	4.917	84	94294	24.773	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	93950	25.775	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	133610	26.191	ug/L	100
19) 1,1-Dichloroethane	6.216	63	189142	27.920	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	106180	27.311	ug/L	99
22) 2-Butanone	7.173	43	56885	50.612	ug/L	99
23) Bromochloromethane	7.514	128	45440	26.717	ug/L #	83
25) Chloroform	7.673	83	204594	28.261	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130540	27.332	ug/L	99
29) Cyclohexane	7.959	56	143693	25.130	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	164396	26.364	ug/L	99
31) Carbon tetrachloride	8.069	117	147140	26.419	ug/L	96
33) Benzene	8.325	78	413143	27.027	ug/L	100
34) Trichloroethene	9.093	95	108809	25.585	ug/L	96
35) Methylcyclohexane	9.331	83	171108	25.566	ug/L	98
37) 1,2-Dichloropropane	9.368	63	109820	28.765	ug/L	100
38) Bromodichloromethane	9.642	83	145107	28.567	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	158557	27.533	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	106681	58.165	ug/L	99
42) Toluene	10.386	91	450169	27.604	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	134250	27.742	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	77493	28.085	ug/L	99
46) Tetrachloroethene	10.855	164	81634	26.026	ug/L	95
48) 2-Hexanone	10.965	43	83994	55.999	ug/L	98
49) Dibromochloromethane	11.123	129	84030	27.293	ug/L	100
50) 1,2-Dibromoethane	11.233	107	69140	26.854	ug/L	92
51) Chlorobenzene	11.654	112	279092	26.585	ug/L	97
52) Ethylbenzene	11.727	91	531498	28.562	ug/L	99
53) m,p-Xylene	11.837	106	196216	28.145	ug/L	100
54) o-Xylene	12.166	106	180854	28.060	ug/L	96
55) Styrene	12.178	104	323093	29.323	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	90677	29.142	ug/L	96
59) Bromoform	12.343	173	45927	27.489	ug/L	98
60) Isopropylbenzene	12.459	105	529427	28.749	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62909	27.187	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	418993	28.840	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	412486	28.998	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	214514	26.762	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	226320	27.344	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	185539	26.304	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13562	26.286	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	138456	26.194	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	105594	24.815	ug/L	95
71) Naphthalene	15.360	128	191830	26.093	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	99535	26.982	ug/L	96

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

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