

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028197.D
 Acq On : 14 Mar 2024 22:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025516

Quant Time: Mar 15 02:02:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:46:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt
 03/15/2024
 Supervised By :Mahesh
 Dadoda
 03/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	178425	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	165852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	86845	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	50091	23.994	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.960%			
7) Chloroethane-d5	2.893	69	37523	25.726	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.920%			
11) 1,1-Dichloroethene-d2	4.015	65	35570	26.868	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.480%			
21) 2-Butanone-d5	7.106	46	31841	51.712	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.420%			
24) Chloroform-d	7.648	84	159765	30.366	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 121.480%			
26) 1,2-Dichloroethane-d4	8.307	65	85708	29.561	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.240%			
32) Benzene-d6	8.270	84	304927	30.114	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 120.440%			
36) 1,2-Dichloropropane-d6	9.270	67	86694	29.751	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.000%			
41) Toluene-d8	10.319	98	283234	30.325	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 121.320%			
43) trans-1,3-Dichloroprop...	10.575	79	37541	28.365	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 113.440%			
47) 2-Hexanone-d5	10.922	63	26607	55.239	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.480%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62569	29.067	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.280%			
66) 1,2-Dichlorobenzene-d4	13.848	152	96080	30.370	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 121.480%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	58707	22.682	ug/L	94
3) Chloromethane	2.216	50	38516	20.981	ug/L	97
5) Vinyl chloride	2.363	62	45349	21.854	ug/L	99
6) Bromomethane	2.783	94	29151	23.588	ug/L	90
8) Chloroethane	2.924	64	24958	22.377	ug/L	97
9) Trichlorofluoromethane	3.253	101	60605	24.156	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	60834	24.408	ug/L	94
12) 1,1-Dichloroethene	4.033	96	56733	24.623	ug/L	86
13) Acetone	4.179	43	24543m	35.899	ug/L	
14) Carbon disulfide	4.381	76	172203	23.963	ug/L	99
15) Methyl Acetate	4.698	43	23694m	22.500	ug/L	
16) Methylene chloride	4.917	84	61811	22.761	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	60735	24.804	ug/L	94
18) Methyl tert-butyl Ether	5.435	73	94422	25.559	ug/L	99
19) 1,1-Dichloroethane	6.216	63	121067	25.540	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	67870	25.665	ug/L	98
22) 2-Butanone	7.191	43	29495	37.999	ug/L	95
23) Bromochloromethane	7.514	128	28900	24.720	ug/L	95
25) Chloroform	7.679	83	126140	25.848	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86232	25.022	ug/L	98
29) Cyclohexane	7.953	56	104353	24.123	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	108192	24.886	ug/L	98
31) Carbon tetrachloride	8.069	117	98442	24.140	ug/L	99
33) Benzene	8.325	78	259472	25.424	ug/L	100
34) Trichloroethene	9.093	95	70693	24.828	ug/L	97
35) Methylcyclohexane	9.331	83	116412	24.188	ug/L	100
37) 1,2-Dichloropropane	9.368	63	65833	25.219	ug/L	99
38) Bromodichloromethane	9.642	83	88303	25.090	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	105264	25.180	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	65589	45.519	ug/L	99
42) Toluene	10.386	91	279951	25.134	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	88842	25.171	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	46222	24.507	ug/L	95
46) Tetrachloroethene	10.861	164	53915	23.490	ug/L	91
48) 2-Hexanone	10.965	43	47868	42.409	ug/L	97
49) Dibromochloromethane	11.123	129	54522	24.409	ug/L	96
50) 1,2-Dibromoethane	11.233	107	43960	24.376	ug/L	99
51) Chlorobenzene	11.654	112	181106	25.617	ug/L	99
52) Ethylbenzene	11.727	91	332824	25.597	ug/L	99
53) m,p-Xylene	11.837	106	122594	25.055	ug/L	99
54) o-Xylene	12.160	106	117948	25.994	ug/L	100
55) Styrene	12.178	104	200129	25.677	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	52187	24.191	ug/L	98
59) Bromoform	12.343	173	30268	23.259	ug/L	99
60) Isopropylbenzene	12.458	105	339255	26.292	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	38092	22.982	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	224548	25.936	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	272019	26.021	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	143786	24.978	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	146907	25.522	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	126790	25.577	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	8753	22.481	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	101362	25.279	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	85038	24.964	ug/L	97
71) Naphthalene	15.360	128	150539	25.747	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71881	25.597	ug/L	99

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

