

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031461.D
 Acq On : 21 Dec 2024 15:08
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025603

Quant Time: Dec 23 00:05:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	495611	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	416285	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	212688	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	196808	26.392	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.560%			
7) Chloroethane-d5	2.893	69	158708	28.771	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 115.080%			
11) 1,1-Dichloroethene-d2	4.015	65	85650	24.214	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.840%			
21) 2-Butanone-d5	7.100	46	67027	47.728	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.460%			
24) Chloroform-d	7.648	84	367621	27.072	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.280%			
26) 1,2-Dichloroethane-d4	8.301	65	179208	26.278	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.120%			
32) Benzene-d6	8.270	84	711952	26.683	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.720%			
36) 1,2-Dichloropropane-d6	9.270	67	210172	27.028	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.120%			
41) Toluene-d8	10.319	98	661775	26.661	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.640%			
43) trans-1,3-Dichloroprop...	10.575	79	81891	22.839	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.360%			
47) 2-Hexanone-d5	10.922	63	48966	46.823	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.640%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	136932	28.046	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.200%			
66) 1,2-Dichlorobenzene-d4	13.848	152	206179	26.112	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	116481	26.005	ug/L	96
3) Chloromethane	2.216	50	128319	25.501	ug/L	97
5) Vinyl chloride	2.369	62	198851	28.515	ug/L	96
6) Bromomethane	2.789	94	124413	29.019	ug/L	99
8) Chloroethane	2.936	64	126741	30.561	ug/L	97
9) Trichlorofluoromethane	3.265	101	196789	26.489	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	162409	27.073	ug/L	95
12) 1,1-Dichloroethene	4.045	96	157483m	25.920	ug/L	
13) Acetone	4.179	43	83121	42.500	ug/L #	100
14) Carbon disulfide	4.381	76	418250	21.108	ug/L	98
15) Methyl Acetate	4.685	43	46592	20.975	ug/L #	89
16) Methylene chloride	4.917	84	159554	25.586	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	166734	25.459	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	250544	22.883	ug/L	99
19) 1,1-Dichloroethane	6.216	63	325381	26.587	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	186212	26.279	ug/L	97
22) 2-Butanone	7.191	43	89886	37.931	ug/L	96
23) Bromochloromethane	7.508	128	72865	25.784	ug/L	96
25) Chloroform	7.673	83	329000	27.238	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	193471	25.478	ug/L	99
29) Cyclohexane	7.953	56	272887	24.172	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	278578	25.891	ug/L	99
31) Carbon tetrachloride	8.063	117	243071	25.357	ug/L	99
33) Benzene	8.319	78	709460	27.578	ug/L	100
34) Trichloroethene	9.087	95	195283	26.888	ug/L	90
35) Methylcyclohexane	9.331	83	331304	26.194	ug/L	97
37) 1,2-Dichloropropane	9.361	63	172915	26.944	ug/L	99
38) Bromodichloromethane	9.642	83	219717	26.335	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	274636	25.325	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	150836	44.301	ug/L	98
42) Toluene	10.386	91	780498	27.866	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	215586	24.346	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	118594	27.782	ug/L	94
46) Tetrachloroethene	10.861	164	145503	27.350	ug/L	89
48) 2-Hexanone	10.965	43	131799	45.514	ug/L	95
49) Dibromochloromethane	11.123	129	124411	24.587	ug/L	98
50) 1,2-Dibromoethane	11.233	107	109660	27.118	ug/L	96
51) Chlorobenzene	11.654	112	480942	27.387	ug/L	94
52) Ethylbenzene	11.727	91	919187	28.317	ug/L	99
53) m,p-Xylene	11.837	106	352770	28.547	ug/L	99
54) o-Xylene	12.160	106	335482	28.806	ug/L	91
55) Styrene	12.178	104	552340	28.512	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	122373	26.593	ug/L	97
59) Bromoform	12.349	173	61828	20.693	ug/L	99
60) Isopropylbenzene	12.458	105	947867	27.233	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	89420	24.570	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	756878	25.649	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	763762	26.779	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	378219	26.821	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	372634	26.670	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	322753	26.563	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	20108m	21.772	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	263387	26.669	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	216182	26.314	ug/L	98
71) Naphthalene	15.354	128	361835	25.121	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	170131	25.702	ug/L	93

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

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