

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121124\
 Data File : VW031224.D
 Acq On : 11 Dec 2024 19:14
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: Dec 12 03:07:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 12 03:01:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 12/12/2024
 Supervised By :Mahesh Dadoda 12/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	306437	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	286380	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	93476	19.822	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.280%		
7) Chloroethane-d5	2.905	69	79198	21.647	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.600%		
11) 1,1-Dichloroethene-d2	4.021	65	45038	20.933	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	83.720%		
21) 2-Butanone-d5	7.100	46	46686	56.608	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.220%		
24) Chloroform-d	7.648	84	224538	25.018	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.080%		
26) 1,2-Dichloroethane-d4	8.301	65	123877	28.049	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.200%		
32) Benzene-d6	8.276	84	384207	21.828	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.320%		
36) 1,2-Dichloropropane-d6	9.270	67	130297	25.272	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.080%		
41) Toluene-d8	10.319	98	344886	21.712	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.840%		
43) trans-1,3-Dichloroprop...	10.575	79	50284	24.225	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.880%		
47) 2-Hexanone-d5	10.922	63	33320	55.160	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.320%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99073	28.472	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.880%		
66) 1,2-Dichlorobenzene-d4	13.848	152	106441	20.857	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	89716	23.184	ug/L	99
3) Chloromethane	2.216	50	96840	21.218	ug/L	96
5) Vinyl chloride	2.375	62	140615	25.649	ug/L	97
6) Bromomethane	2.789	94	83266	23.884	ug/L	94
8) Chloroethane	2.936	64	82621	25.195	ug/L	97
9) Trichlorofluoromethane	3.265	101	139847	24.243	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	108614	24.784	ug/L	88
12) 1,1-Dichloroethene	4.039	96	94677	21.755	ug/L	78
13) Acetone	4.173	43	57939	39.021	ug/L	69
14) Carbon disulfide	4.387	76	324304	22.722	ug/L	98
15) Methyl Acetate	4.692	43	45510m	29.210	ug/L	
16) Methylene chloride	4.917	84	114597	25.838	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	104575	22.605	ug/L	87
18) Methyl tert-butyl Ether	5.435	73	162452	25.100	ug/L	96
19) 1,1-Dichloroethane	6.222	63	229007	26.913	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112639	23.180	ug/L	90
22) 2-Butanone	7.185	43	60749	43.535	ug/L	93
23) Bromochloromethane	7.514	128	49030	23.765	ug/L	# 77
25) Chloroform	7.673	83	229472	25.929	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	160003m	29.351	ug/L	
29) Cyclohexane	7.953	56	176504	24.486	ug/L	92
30) 1,1,1-Trichloroethane	7.874	97	180172	23.357	ug/L #	94
31) Carbon tetrachloride	8.063	117	161790	22.953	ug/L	98
33) Benzene	8.319	78	476042	24.581	ug/L	100
34) Trichloroethene	9.087	95	124838	23.370	ug/L	90
35) Methylcyclohexane	9.337	83	205076	24.125	ug/L	89
37) 1,2-Dichloropropane	9.367	63	132747	27.555	ug/L	97
38) Bromodichloromethane	9.642	83	157954	25.049	ug/L	91
39) cis-1,3-Dichloropropene	10.069	75	179335	24.656	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	124726	57.817	ug/L #	92
42) Toluene	10.386	91	508161	24.910	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	157845	26.397	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	84197	25.431	ug/L	97
46) Tetrachloroethene	10.861	164	64145m	16.198	ug/L	
48) 2-Hexanone	10.965	43	98502	50.469	ug/L #	88
49) Dibromochloromethane	11.123	129	89422	24.518	ug/L	94
50) 1,2-Dibromoethane	11.233	107	78924	25.510	ug/L #	87
51) Chlorobenzene	11.654	112	289111	22.201	ug/L #	88
52) Ethylbenzene	11.727	91	581530	25.155	ug/L	96
53) m,p-Xylene	11.837	106	205071	23.835	ug/L	85
54) o-Xylene	12.160	106	192166	24.008	ug/L	92
55) Styrene	12.178	104	343308	25.480	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.708	83	103807	28.943	ug/L	94
59) Bromoform	12.349	173	42288	20.142	ug/L #	85
60) Isopropylbenzene	12.458	105	532072	22.939	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	73054	27.211	ug/L	96
62) 1,3,5-Trimethylbenzene	12.934	105	437772	23.968	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	435284	24.260	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	225698	22.313	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	235588	23.057	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	191941	21.693	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16576	28.435	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.617	180	145944	21.234	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	100013	18.558	ug/L	92
71) Naphthalene	15.360	128	207436	23.892	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104806	22.720	ug/L	91

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

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