

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120924\
 Data File : VW031177.D
 Acq On : 09 Dec 2024 21:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Dec 10 01:17:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 10 01:12:15 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/17/2024
 Supervised By :Mahesh Dadoda 12/17/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	253103	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	235063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111735	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	72727	18.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.680%
7) Chloroethane-d5	2.893	69	63807	21.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
11) 1,1-Dichloroethene-d2	4.015	65	35122	19.764	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.040%
21) 2-Butanone-d5	7.100	46	42683	62.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.320%
24) Chloroform-d	7.648	84	179613	24.229	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	8.307	65	103916	28.488	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.960%
32) Benzene-d6	8.270	84	331009	22.911	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.640%
36) 1,2-Dichloropropane-d6	9.270	67	110306	26.065	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.240%
41) Toluene-d8	10.319	98	304949	23.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.560%
43) trans-1,3-Dichloroprop...	10.575	79	43237	25.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.520%
47) 2-Hexanone-d5	10.922	63	32701	65.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84722	29.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	93410	23.537	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.160%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	70670m	22.111	ug/L	
3) Chloromethane	2.216	50	76772	20.366	ug/L	97
5) Vinyl chloride	2.369	62	81586	18.017	ug/L	97
6) Bromomethane	2.783	94	55058	19.121	ug/L	96
8) Chloroethane	2.936	64	53193	19.639	ug/L	98
9) Trichlorofluoromethane	3.259	101	84880	17.815	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	68797	19.006	ug/L	# 79
12) 1,1-Dichloroethene	4.039	96	68247m	18.986	ug/L	
13) Acetone	4.173	43	39242	31.998	ug/L	58
14) Carbon disulfide	4.387	76	223230	18.936	ug/L	100
15) Methyl Acetate	4.685	43	33588	26.100	ug/L	93
16) Methylene chloride	4.917	84	77679	21.205	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	74253	19.433	ug/L	85
18) Methyl tert-butyl Ether	5.423	73	122367	22.891	ug/L	# 94
19) 1,1-Dichloroethane	6.210	63	158913	22.611	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	81078	20.201	ug/L	86
22) 2-Butanone	7.191	43	49410	42.870	ug/L	91
23) Bromochloromethane	7.508	128	35240	20.680	ug/L	85
25) Chloroform	7.673	83	160080	21.899	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	114134	25.349	ug/L	95
29) Cyclohexane	7.953	56	121938	20.609	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	119745	18.912	ug/L	95
31) Carbon tetrachloride	8.063	117	107864	18.643	ug/L	98
33) Benzene	8.319	78	336249	21.153	ug/L	100
34) Trichloroethene	9.087	95	84282	19.222	ug/L	91
35) Methylcyclohexane	9.331	83	131614	18.863	ug/L	90
37) 1,2-Dichloropropane	9.361	63	90719	22.942	ug/L #	97
38) Bromodichloromethane	9.642	83	112215	21.680	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	134787	22.577	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	101810	57.497	ug/L #	93
42) Toluene	10.386	91	347506	20.753	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	112630	22.947	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	61640	22.682	ug/L	96
46) Tetrachloroethene	10.861	164	53421	16.435	ug/L #	85
48) 2-Hexanone	10.965	43	73766	46.047	ug/L #	91
49) Dibromochloromethane	11.123	129	63939	21.358	ug/L	92
50) 1,2-Dibromoethane	11.233	107	57124	22.494	ug/L #	91
51) Chlorobenzene	11.654	112	204849	19.165	ug/L #	88
52) Ethylbenzene	11.727	91	392119	20.665	ug/L	96
53) m,p-Xylene	11.837	106	135110	19.132	ug/L	92
54) o-Xylene	12.160	106	128533	19.564	ug/L	85
55) Styrene	12.178	104	232298	21.005	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.708	83	75086	25.505	ug/L	99
59) Bromoform	12.349	173	33664	20.618	ug/L #	88
60) Isopropylbenzene	12.458	105	367757	20.388	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	55424	26.547	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	295799	20.826	ug/L	91
63) 1,2,4-Trimethylbenzene	13.245	105	299477	21.463	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	152756	19.420	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	152225	19.158	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	134638	19.567	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	12195	26.901	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.617	180	86564	16.196	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	73381	17.509	ug/L	96
71) Naphthalene	15.360	128	152610	22.602	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	69035	19.244	ug/L	95

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

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