

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100724\
 Data File : VW030436.D
 Acq On : 07 Oct 2024 22:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025507

Quant Time: Oct 08 01:31:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 08 01:21:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/08/2024
 Supervised By :Semsettin Yesilyurt 10/08/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	169708	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	201653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	106285	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	21693	16.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.440%
7) Chloroethane-d5	2.893	69	17996	18.651	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	4.027	65	16386	16.927	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.720%
21) 2-Butanone-d5	7.075	46	19639	36.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.660%
24) Chloroform-d	7.654	84	97138	21.306	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	8.307	65	50054	21.034	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.120%
32) Benzene-d6	8.276	84	187963	16.631	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.520%
36) 1,2-Dichloropropane-d6	9.276	67	55310	16.271	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	65.080%#
41) Toluene-d8	10.325	98	188091	18.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	10.575	79	25174	17.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.200%
47) 2-Hexanone-d5	10.922	63	23327	41.557	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	65191	25.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	86017	24.376	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	33852	18.249	ug/L	98
3) Chloromethane	2.223	50	23258	16.005	ug/L	96
5) Vinyl chloride	2.375	62	28103	18.192	ug/L	97
6) Bromomethane	2.796	94	19954	19.407	ug/L	83
8) Chloroethane	2.936	64	15792	18.737	ug/L	94
9) Trichlorofluoromethane	3.271	101	41119	20.662	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	40766	20.562	ug/L #	78
12) 1,1-Dichloroethene	4.051	96	39859m	20.216	ug/L	
13) Acetone	4.125	43	16569	29.288	ug/L	91
14) Carbon disulfide	4.393	76	113112	17.252	ug/L	97
15) Methyl Acetate	4.673	43	15116	16.382	ug/L	96
16) Methylene chloride	4.923	84	44204	16.923	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	46776	20.437	ug/L	86
18) Methyl tert-butyl Ether	5.435	73	73173	20.100	ug/L	97
19) 1,1-Dichloroethane	6.216	63	82255	18.871	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	54022	21.363	ug/L	91
22) 2-Butanone	7.173	43	23127	31.979	ug/L	91
23) Bromochloromethane	7.514	128	25299	22.916	ug/L #	74
25) Chloroform	7.679	83	94485	20.902	ug/L	97

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27) 1,2-Dichloroethane	8.398	62	60871	20.305	ug/L	95
29) Cyclohexane	7.959	56	67497	15.184	ug/L	93
30) 1,1,1-Trichloroethane	7.874	97	79267	16.969	ug/L	97
31) Carbon tetrachloride	8.069	117	73345	17.568	ug/L	99
33) Benzene	8.325	78	205245	16.711	ug/L	100
34) Trichloroethene	9.093	95	56385	17.259	ug/L	93
35) Methylcyclohexane	9.337	83	85940	17.141	ug/L	95
37) 1,2-Dichloropropane	9.368	63	51765	15.974	ug/L	98
38) Bromodichloromethane	9.648	83	66814	16.422	ug/L #	96
39) cis-1,3-Dichloropropene	10.069	75	82662	16.636	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	49817	29.887	ug/L #	94
42) Toluene	10.386	91	239379	18.205	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	71347	17.328	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	42636	18.670	ug/L	96
46) Tetrachloroethene	10.861	164	50632	20.720	ug/L	92
48) 2-Hexanone	10.965	43	41630	33.918	ug/L #	95
49) Dibromochloromethane	11.129	129	55437	21.571	ug/L	91
50) 1,2-Dibromoethane	11.233	107	47204	21.845	ug/L #	94
51) Chlorobenzene	11.654	112	190694	22.442	ug/L	99
52) Ethylbenzene	11.727	91	323662	21.728	ug/L	98
53) m,p-Xylene	11.837	106	115405	20.754	ug/L	93
54) o-Xylene	12.166	106	121876	23.027	ug/L	95
55) Styrene	12.178	104	206925	22.918	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	64434	24.091	ug/L	97
59) Bromoform	12.349	173	33500	21.756	ug/L	98
60) Isopropylbenzene	12.465	105	328682	21.787	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	47612	23.564	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	317161	25.992	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	287811	23.873	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	154686	22.944	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	157080	22.808	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	147632	24.563	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	10204	22.041	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	112577	24.194	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	99902	25.931	ug/L	96
71) Naphthalene	15.360	128	191324	27.151	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88534	26.254	ug/L	97

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

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