

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027569.D
 Acq On : 06 Dec 2023 16:15
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025554

Quant Time: Dec 07 07:02:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:54:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	217954	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	185232	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	88706	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	102408	23.349	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.400%		
7) Chloroethane-d5	2.899	69	77652	24.422	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.680%		
11) 1,1-Dichloroethene-d2	4.027	65	45923	24.745	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	98.960%		
21) 2-Butanone-d5	7.075	46	39893m	34.711	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	69.420%		
24) Chloroform-d	7.654	84	157061	24.142	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	8.307	65	71294	21.430	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.720%		
32) Benzene-d6	8.276	84	334910	25.671	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.680%		
36) 1,2-Dichloropropane-d6	9.276	67	96294	25.037	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.160%		
41) Toluene-d8	10.325	98	295107	25.853	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.400%		
43) trans-1,3-Dichloroprop...	10.575	79	31537	21.204	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.800%		
47) 2-Hexanone-d5	10.922	63	23627	32.971	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	65.940%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	61935	19.578	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.320%		
66) 1,2-Dichlorobenzene-d4	13.848	152	79324	25.511	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	102.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	57155	19.585	ug/L	98
3) Chloromethane	2.222	50	77344	21.640	ug/L	97
5) Vinyl chloride	2.375	62	91170	21.868	ug/L	94
6) Bromomethane	2.795	94	46755	21.369	ug/L	99
8) Chloroethane	2.936	64	52241	21.939	ug/L	95
9) Trichlorofluoromethane	3.277	101	94391	23.639	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	83487m	24.520	ug/L	
12) 1,1-Dichloroethene	4.051	96	72096	23.191	ug/L	88
13) Acetone	4.118	43	33992	30.680	ug/L	99
14) Carbon disulfide	4.393	76	197371	21.009	ug/L	99
15) Methyl Acetate	4.673	43	26902	13.893	ug/L	93
16) Methylene chloride	4.923	84	72414	20.374	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	72723	22.687	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	99896	19.320	ug/L	98
19) 1,1-Dichloroethane	6.222	63	146252	22.435	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	75548	21.945	ug/L	98
22) 2-Butanone	7.173	43	38348	26.829	ug/L	76
23) Bromochloromethane	7.514	128	27032	19.964	ug/L	93
25) Chloroform	7.679	83	133124	22.490	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	74940	19.589	ug/L	100
29) Cyclohexane	7.959	56	145498	23.892	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	127355	24.647	ug/L	99
31) Carbon tetrachloride	8.069	117	112326	24.923	ug/L	99
33) Benzene	8.325	78	306880	24.004	ug/L	100
34) Trichloroethene	9.093	95	83515	23.916	ug/L	97
35) Methylcyclohexane	9.337	83	153527	24.691	ug/L	99
37) 1,2-Dichloropropane	9.367	63	77305	22.902	ug/L	99
38) Bromodichloromethane	9.648	83	86222	22.096	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	106632	21.884	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	72760	31.890	ug/L	99
42) Toluene	10.386	91	320429	23.697	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	81003	20.607	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	46552	19.803	ug/L	98
46) Tetrachloroethene	10.861	164	59924	24.071	ug/L	91
48) 2-Hexanone	10.965	43	46219	28.743	ug/L	98
49) Dibromochloromethane	11.129	129	48040	20.674	ug/L	98
50) 1,2-Dibromoethane	11.233	107	41188	19.151	ug/L	96
51) Chlorobenzene	11.654	112	186771	22.895	ug/L	98
52) Ethylbenzene	11.727	91	378012	24.610	ug/L	98
53) m,p-Xylene	11.836	106	135860	24.005	ug/L	98
54) o-Xylene	12.166	106	124337	24.171	ug/L	93
55) Styrene	12.178	104	203935	23.227	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	55612	18.172	ug/L	100
59) Bromoform	12.349	173	24656	19.846	ug/L	99
60) Isopropylbenzene	12.458	105	371984	25.398	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	40333	18.851	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	267424	24.687	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	272234	25.233	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	136998	24.420	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	131843	23.561	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	116238	22.998	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	8271	16.072	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	89192	23.643	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	62983	21.500	ug/L	99
71) Naphthalene	15.360	128	107715	17.481	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	52687	20.995	ug/L	97

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

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