

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110824\
 Data File : VW030980.D
 Acq On : 08 Nov 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 :
 VSTD025558

Quant Time: Nov 08 22:09:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 08 22:04:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	386702	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	348204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	184719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	108351	17.084	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.320%		
7) Chloroethane-d5	2.905	69	89972	18.497	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.000%		
11) 1,1-Dichloroethene-d2	4.021	65	51035	19.501	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.000%		
21) 2-Butanone-d5	7.081	46	52059m	49.879	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.760%		
24) Chloroform-d	7.655	84	260108	22.816	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.280%		
26) 1,2-Dichloroethane-d4	8.307	65	124156	21.904	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.600%		
32) Benzene-d6	8.276	84	500650	23.144	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.560%		
36) 1,2-Dichloropropane-d6	9.276	67	147651	23.154	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.600%		
41) Toluene-d8	10.325	98	457473	23.577	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.320%		
43) trans-1,3-Dichloroprop...	10.575	79	57100	22.090	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.360%		
47) 2-Hexanone-d5	10.922	63	43613	52.771	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.540%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111620	25.123	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.480%		
66) 1,2-Dichlorobenzene-d4	13.849	152	147003	21.847	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	87734	21.299	ug/L	94
3) Chloromethane	2.223	50	102743	18.511	ug/L	97
5) Vinyl chloride	2.375	62	130818	19.887	ug/L	94
6) Bromomethane	2.796	94	84987	19.677	ug/L	90
8) Chloroethane	2.942	64	80439	20.172	ug/L	100
9) Trichlorofluoromethane	3.277	101	126111	21.008	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	128273	23.211	ug/L	92
12) 1,1-Dichloroethene	4.052	96	118142m	23.636	ug/L	
13) Acetone	4.125	43	47775	37.478	ug/L	93
14) Carbon disulfide	4.393	76	356864	21.719	ug/L	100
15) Methyl Acetate	4.673	43	45194	24.171	ug/L	100
16) Methylene chloride	4.923	84	131944	24.135	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	128928	23.512	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	189819	25.647	ug/L	97
19) 1,1-Dichloroethane	6.222	63	241066	23.559	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	144728	24.880	ug/L	94
22) 2-Butanone	7.167	43	63311	44.350	ug/L	99
23) Bromochloromethane	7.520	128	63584	24.959	ug/L #	92
25) Chloroform	7.679	83	254009	23.592	ug/L	98

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27) 1,2-Dichloroethane	8.398	62	150534	22.450	ug/L	98
29) Cyclohexane	7.959	56	196007	23.489	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	205430	22.967	ug/L	99
31) Carbon tetrachloride	8.075	117	184347	22.936	ug/L	98
33) Benzene	8.325	78	558268	24.874	ug/L	100
34) Trichloroethene	9.093	95	145154	23.454	ug/L	96
35) Methylcyclohexane	9.337	83	227927	23.237	ug/L	99
37) 1,2-Dichloropropane	9.368	63	139343	24.843	ug/L	98
38) Bromodichloromethane	9.648	83	176044	23.899	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	201158	23.974	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	126343	49.254	ug/L	99
42) Toluene	10.386	91	599534	25.226	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	165669	23.767	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	100904	25.063	ug/L	98
46) Tetrachloroethene	10.861	164	114805	24.265	ug/L	94
48) 2-Hexanone	10.965	43	91146	46.704	ug/L	95
49) Dibromochloromethane	11.123	129	110389	25.148	ug/L	100
50) 1,2-Dibromoethane	11.233	107	93128	25.083	ug/L	97
51) Chlorobenzene	11.654	112	381661	25.092	ug/L	95
52) Ethylbenzene	11.727	91	672561	25.045	ug/L	98
53) m,p-Xylene	11.837	106	262938	26.034	ug/L	98
54) o-Xylene	12.166	106	240148	25.841	ug/L	95
55) Styrene	12.178	104	426925	26.887	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	110682	25.191	ug/L	98
59) Bromoform	12.349	173	63149	23.942	ug/L	98
60) Isopropylbenzene	12.459	105	672848	23.880	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	78511	22.670	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	538379	24.268	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	529120	24.491	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	307194	24.830	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	302386	23.807	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	267721	24.279	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	16022	21.852	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	198340	24.158	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	162736	24.963	ug/L	100
71) Naphthalene	15.360	128	272163	25.753	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	140533	25.013	ug/L	99

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

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