

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103023\
 Data File : VW027474.D
 Acq On : 30 Oct 2023 10:30
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025542

Quant Time: Oct 31 02:37:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336145	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	173678	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	106474	20.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.000%
7) Chloroethane-d5	2.893	69	91497	24.839	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.360%
11) 1,1-Dichloroethene-d2	4.021	65	54766	21.305	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.240%
21) 2-Butanone-d5	7.075	46	109905	64.456	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.920%
24) Chloroform-d	7.648	84	266773	26.627	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.520%
26) 1,2-Dichloroethane-d4	8.307	65	145482	27.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.120%
32) Benzene-d6	8.276	84	511632	24.251	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	9.270	67	171649	26.637	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.560%
41) Toluene-d8	10.325	98	446075	23.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.280%
43) trans-1,3-Dichloroprop...	10.574	79	68342	23.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.040%
47) 2-Hexanone-d5	10.922	63	84094	63.075	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	152252	31.668	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.680%#
66) 1,2-Dichlorobenzene-d4	13.848	152	150312	23.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	102100m	25.528	ug/L	
3) Chloromethane	2.222	50	120802	26.282	ug/L	99
5) Vinyl chloride	2.375	62	135097	26.313	ug/L	98
6) Bromomethane	2.789	94	73790	25.233	ug/L	95
8) Chloroethane	2.936	64	79107	26.767	ug/L	97
9) Trichlorofluoromethane	3.265	101	99882	27.575	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	120983	26.674	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	113189	25.679	ug/L	89
13) Acetone	4.124	43	90366	61.360	ug/L	98
14) Carbon disulfide	4.387	76	292258	21.388	ug/L	99
15) Methyl Acetate	4.667	43	71845	28.562	ug/L	99
16) Methylene chloride	4.917	84	145928	23.716	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	120751	25.490	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	216445	26.483	ug/L	99
19) 1,1-Dichloroethane	6.215	63	267759	27.704	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	143597	26.842	ug/L	95
22) 2-Butanone	7.167	43	113332	51.412	ug/L	100
23) Bromochloromethane	7.514	128	57714	26.130	ug/L	88
25) Chloroform	7.673	83	253507	28.025	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	170485	27.745	ug/L	99
29) Cyclohexane	7.959	56	228617	24.146	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	203401	26.740	ug/L	99
31) Carbon tetrachloride	8.069	117	174304	25.413	ug/L	100
33) Benzene	8.325	78	544936	26.740	ug/L	100
34) Trichloroethene	9.093	95	142605	26.491	ug/L	97
35) Methylcyclohexane	9.337	83	234915	24.403	ug/L	99
37) 1,2-Dichloropropane	9.367	63	154716	28.078	ug/L	99
38) Bromodichloromethane	9.642	83	184751	27.267	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	236093	25.937	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	219314	57.874	ug/L	98
42) Toluene	10.385	91	568526	26.593	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	199073	25.920	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	108590	28.638	ug/L	98
46) Tetrachloroethene	10.861	164	97479	26.225	ug/L	90
48) 2-Hexanone	10.965	43	165082	58.857	ug/L	98
49) Dibromochloromethane	11.123	129	112674	26.756	ug/L	94
50) 1,2-Dibromoethane	11.233	107	99259	26.999	ug/L	98
51) Chlorobenzene	11.654	112	363251	27.134	ug/L	96
52) Ethylbenzene	11.727	91	668114	26.893	ug/L	94
53) m,p-Xylene	11.836	106	246132	26.121	ug/L	98
54) o-Xylene	12.166	106	239029	26.490	ug/L	98
55) Styrene	12.178	104	418347	27.147	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	139639	30.167	ug/L	97
59) Bromoform	12.349	173	60837	23.541	ug/L	99
60) Isopropylbenzene	12.458	105	669948	24.555	ug/L	97
61) 1,2,3-Trichloropropane	12.763	75	100855	26.595	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	555838	24.423	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	542097	24.345	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	282010	25.489	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	282343	25.553	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	255945	26.070	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	22637	23.884	ug/L	91
69) 1,3,5-Trichlorobenzene	14.629	180	181583	25.282	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	153114	25.047	ug/L	98
71) Naphthalene	15.360	128	316982	25.214	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	131211	26.102	ug/L	95

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

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