

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027402.D
 Acq On : 23 Oct 2023 18:02
 Operator : SY/MD
 Sample : 04961-10MSD
 Misc : 5.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ3MSD

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/24/2023
 Supervised By : Mahesh Dadoda 10/24/2023

Quant Time: Oct 24 00:51:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	458583	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	49683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	218214	31.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 124.720%	
7) Chloroethane-d5	2.899	69	177724	35.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 141.480%	
11) 1,1-Dichloroethene-d2	4.015	65	101133	28.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 115.360%#	
21) 2-Butanone-d5	7.075	46	141026	60.625	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.240%	
24) Chloroform-d	7.648	84	426899	31.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 124.920%	
26) 1,2-Dichloroethane-d4	8.307	65	216484	29.485	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 117.960%	
32) Benzene-d6	8.276	84	826473	47.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 189.080%#	
36) 1,2-Dichloropropane-d6	9.270	67	266333	49.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 199.520%#	
41) Toluene-d8	10.319	98	551840	34.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 139.240%#	
43) trans-1,3-Dichloroprop...	10.575	79	70742	29.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 116.240%	
47) 2-Hexanone-d5	10.922	63	93280	84.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 168.860%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	162918	40.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 163.560%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	60932	33.843	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 135.360%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	138764m	25.432	ug/L	
3) Chloromethane	2.223	50	181999	29.025	ug/L	99
5) Vinyl chloride	2.375	62	192867	27.536	ug/L	95
6) Bromomethane	2.790	94	104061	26.084	ug/L	99
8) Chloroethane	2.930	64	111313	27.609	ug/L	95
9) Trichlorofluoromethane	3.271	101	146361	29.619	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	150241	24.280	ug/L	97
12) 1,1-Dichloroethene	4.039	96	146258	24.322	ug/L	90
13) Acetone	4.119	43	116684	58.076	ug/L	96
14) Carbon disulfide	4.387	76	403961	21.669	ug/L	98
15) Methyl Acetate	4.667	43	82880	24.152	ug/L	98
16) Methylene chloride	4.917	84	184501	21.979	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	173460	26.840	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	304130	27.276	ug/L	100
19) 1,1-Dichloroethane	6.222	63	386156	29.286	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	493876	67.670	ug/L	94
22) 2-Butanone	7.167	43	132611	44.096	ug/L	97
23) Bromochloromethane	7.514	128	71630	23.772	ug/L	88
25) Chloroform	7.679	83	313179	25.378	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	196796	23.476	ug/L	98
29) Cyclohexane	7.959	56	240043	30.595	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	259730	41.205	ug/L	98
31) Carbon tetrachloride	8.069	117	195716	34.435	ug/L	100
33) Benzene	8.325	78	647373	38.334	ug/L	100
34) Trichloroethene	9.093	95	203358	45.587	ug/L	97
35) Methylcyclohexane	9.337	83	165604	20.759	ug/L	98
37) 1,2-Dichloropropane	9.368	63	183454	40.176	ug/L	99
38) Bromodichloromethane	9.642	83	197515	35.178	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	218937	29.025	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	231664	73.772	ug/L	98
42) Toluene	10.386	91	521208	29.420	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	152311	23.931	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	105438	33.555	ug/L	93
46) Tetrachloroethene	10.861	164	75113	24.386	ug/L	94
48) 2-Hexanone	10.965	43	162147	69.763	ug/L	98
49) Dibromochloromethane	11.123	129	96954	27.784	ug/L	96
50) 1,2-Dibromoethane	11.233	107	76710	25.180	ug/L	99
51) Chlorobenzene	11.654	112	234305	21.120	ug/L	98
52) Ethylbenzene	11.727	91	424778	20.633	ug/L	95
53) m,p-Xylene	11.837	106	150146	19.229	ug/L	97
54) o-Xylene	12.160	106	185902	24.862	ug/L	97
55) Styrene	12.178	104	214396	16.789	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	116421	30.351	ug/L	94
59) Bromoform	12.349	173	42986	58.145	ug/L	97
60) Isopropylbenzene	12.459	105	411546	52.729	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	85337	78.665	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	302792	46.509	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	248523	39.015	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	69944	22.099	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	62294	19.709	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	77035	27.429	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	15727	58.007	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	28489	13.866	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	13983	7.996	ug/L	94
71) Naphthalene	15.360	128	65959	18.341	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	15973	11.108	ug/L	88

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

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