

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081023\
 Data File : VW026693.D
 Acq On : 10 Aug 2023 21:44
 Operator : SY/MD
 Sample : 03970-02MS
 Misc : 4.70g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A48H5MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/19/2023
 Supervised By :Semsettin Yesilyurt 08/19/2023

Quant Time: Aug 11 02:05:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:00:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	678655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	626287	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	294672	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	298674	26.772	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 107.080%		
7) Chloroethane-d5	2.893	69	222306	26.797	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 107.200%		
11) 1,1-Dichloroethene-d2	4.027	65	137843	25.122	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 100.480%		
21) 2-Butanone-d5	7.081	46	123850	38.624	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 77.240%		
24) Chloroform-d	7.648	84	618139	27.138	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 108.560%		
26) 1,2-Dichloroethane-d4	8.307	65	348266	27.706	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 110.840%		
32) Benzene-d6	8.276	84	1257409	29.131	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 116.520%		
36) 1,2-Dichloropropane-d6	9.276	67	390918	29.075	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 116.320%		
41) Toluene-d8	10.325	98	1084668	29.275	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 117.080%		
43) trans-1,3-Dichloroprop...	10.575	79	140344	25.282	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 101.120%		
47) 2-Hexanone-d5	10.922	63	62834	44.476	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 88.960%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	293322	27.625	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 110.520%		
66) 1,2-Dichlorobenzene-d4	13.849	152	279506	26.501	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 106.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	198708	21.535	ug/L	# 80
3) Chloromethane	2.229	50	285228	22.606	ug/L	99
5) Vinyl chloride	2.375	62	274550	22.762	ug/L	98
6) Bromomethane	2.783	94	125901	17.916	ug/L	94
8) Chloroethane	2.930	64	169483	23.451	ug/L	100
9) Trichlorofluoromethane	3.259	101	227844	23.018	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	237834	22.244	ug/L	99
12) 1,1-Dichloroethene	4.045	96	231373m	23.066	ug/L	
13) Acetone	4.125	43	98653	30.943	ug/L	98
14) Carbon disulfide	4.393	76	746545	20.687	ug/L	100
15) Methyl Acetate	4.667	43	108629	17.009	ug/L	100
16) Methylene chloride	4.923	84	256454	19.535	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	252504	22.558	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	417163	24.630	ug/L	99
19) 1,1-Dichloroethane	6.216	63	536650	23.294	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	275233	22.876	ug/L	96
22) 2-Butanone	7.173	43	187255	39.854	ug/L	97
23) Bromochloromethane	7.514	128	123591	23.780	ug/L	98
25) Chloroform	7.673	83	507452	22.800	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	360019	23.187	ug/L	99
29) Cyclohexane	7.959	56	456569	23.573	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	390643	23.900	ug/L	100
31) Carbon tetrachloride	8.069	117	352530	23.589	ug/L	97
33) Benzene	8.325	78	1135307	24.893	ug/L	100
34) Trichloroethene	9.093	95	273493	23.545	ug/L	95
35) Methylcyclohexane	9.331	83	418428	21.057	ug/L	99
37) 1,2-Dichloropropane	9.368	63	310294	24.839	ug/L	99
38) Bromodichloromethane	9.642	83	359261	24.515	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	395508	22.008	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	382381	47.057	ug/L	99
42) Toluene	10.386	91	1132760	24.552	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	342098	22.116	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	208127	24.360	ug/L	98
46) Tetrachloroethene	10.861	164	185947	22.035	ug/L	94
48) 2-Hexanone	10.965	43	238413	43.118	ug/L	99
49) Dibromochloromethane	11.130	129	218945	24.502	ug/L	93
50) 1,2-Dibromoethane	11.233	107	189780	23.674	ug/L	93
51) Chlorobenzene	11.654	112	658235	22.586	ug/L	96
52) Ethylbenzene	11.727	91	1222587	23.630	ug/L	98
53) m,p-Xylene	11.837	106	453831	23.678	ug/L	86
54) o-Xylene	12.160	106	431752	24.136	ug/L	97
55) Styrene	12.178	104	669155	21.514	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	250093	23.113	ug/L	98
59) Bromoform	12.349	173	119166	25.816	ug/L	98
60) Isopropylbenzene	12.459	105	1122888	25.631	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	190758	26.688	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	876364	25.308	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	853070	25.140	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	428300	22.479	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	430228	21.637	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	390268	22.525	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	41369	24.007	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	215148	16.714	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	157821	14.461	ug/L	94
71) Naphthalene	15.360	128	370887	17.815	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	139919	14.214	ug/L	100

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

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