

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
 Data File : VW027207.D
 Acq On : 03 Oct 2023 17:55
 Operator : SY/MD
 Sample : 04696-03 1PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2023-07

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/04/2023
 Supervised By :Mahesh Dadoda 10/04/2023

Quant Time: Oct 04 02:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 01:37:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	569160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	561001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	295293	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	171754	19.207	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.840%		
7) Chloroethane-d5	2.899	69	144963	20.511	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.040%		
11) 1,1-Dichloroethene-d2	4.027	65	75137	20.223	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.880%		
21) 2-Butanone-d5	7.075	46	88995	48.141	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.280%		
24) Chloroform-d	7.648	84	345150	20.720	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.880%		
26) 1,2-Dichloroethane-d4	8.307	65	179677	22.508	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.040%		
32) Benzene-d6	8.276	84	718577	20.900	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.600%		
36) 1,2-Dichloropropane-d6	9.276	67	224702	21.830	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.320%		
41) Toluene-d8	10.325	98	637154	21.001	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.000%		
43) trans-1,3-Dichloroprop...	10.575	79	89025	22.039	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.160%		
47) 2-Hexanone-d5	10.922	63	77191	49.023	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.040%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	185738	23.578	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.320%		
66) 1,2-Dichlorobenzene-d4	13.848	152	226497	22.876	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.027	85	7206m	0.974	ug/L	
3) Chloromethane	2.223	50	9319	0.934	ug/L	88
5) Vinyl chloride	2.381	62	11403	1.046	ug/L #	71
6) Bromomethane	2.789	94	7549	1.051	ug/L	80
8) Chloroethane	2.936	64	6857	1.037	ug/L	98
9) Trichlorofluoromethane	3.265	101	7247	0.791	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	11680m	1.267	ug/L	
12) 1,1-Dichloroethene	4.045	96	10118	1.149	ug/L #	1
13) Acetone	4.131	43	6823m	2.987	ug/L	
14) Carbon disulfide	4.393	76	27691	0.937	ug/L	97
15) Methyl Acetate	4.686	43	5119m	1.337	ug/L	
16) Methylene chloride	4.923	84	76691	6.883	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	8997	0.950	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	11610m	0.979	ug/L	
19) 1,1-Dichloroethane	6.222	63	17328	0.981	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	9384	0.929	ug/L	90
23) Bromochloromethane	7.526	128	4419	0.959	ug/L	85
25) Chloroform	7.679	83	19488	1.131	ug/L	99
27) 1,2-Dichloroethane	8.404	62	12080	1.144	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	11149	0.747	ug/L	86
30) 1,1,1-Trichloroethane	7.868	97	13431	0.963	ug/L	95
31) Carbon tetrachloride	8.069	117	13024	0.989	ug/L	98
33) Benzene	8.325	78	39252	0.990	ug/L	100
34) Trichloroethene	9.099	95	10581	1.022	ug/L	89
35) Methylcyclohexane	9.331	83	14198	0.815	ug/L	89
37) 1,2-Dichloropropane	9.374	63	10261	1.004	ug/L	99
38) Bromodichloromethane	9.648	83	12726	1.037	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	14200	0.943	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	9234	1.863	ug/L #	91
42) Toluene	10.386	91	41357	1.016	ug/L	90
44) trans-1,3-Dichloropropene	10.605	75	13060m	1.059	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	8411	1.138	ug/L	85
46) Tetrachloroethene	10.861	164	10086	1.239	ug/L	95
48) 2-Hexanone	10.971	43	8629	2.221	ug/L #	92
49) Dibromochloromethane	11.123	129	8025	1.001	ug/L	91
50) 1,2-Dibromoethane	11.233	107	7174	1.046	ug/L #	94
51) Chlorobenzene	11.654	112	25994	0.962	ug/L	97
52) Ethylbenzene	11.727	91	40835	0.893	ug/L	96
53) m,p-Xylene	11.837	106	15083	0.860	ug/L	89
54) o-Xylene	12.166	106	13444	0.820	ug/L	99
55) Styrene	12.184	104	22526	0.799	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	9931	1.120	ug/L #	96
59) Bromoform	12.349	173	5020	1.077	ug/L #	80
60) Isopropylbenzene	12.465	105	34713	0.798	ug/L	97
61) 1,2,3-Trichloropropane	12.769	75	7384	1.221	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	26773	0.785	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	25133	0.752	ug/L	96
64) 1,3-Dichlorobenzene	13.501	146	19180	0.956	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	23309	1.156	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	20589	1.170	ug/L #	86
68) 1,2-Dibromo-3-chloropr...	14.483	75	1581	1.221	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	13982m	1.082	ug/L	
70) 1,2,4-trichlorobenzene	15.129	180	12052	1.182	ug/L	95
71) Naphthalene	15.360	128	20052	1.115	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	11104	1.227	ug/L	96

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

