

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111424\
 Data File : VW031017.D
 Acq On : 14 Nov 2024 11:32
 Operator : SY/MD
 Sample : P4776-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Nov 15 04:08:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 04:02:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	296468	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286578	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129977	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	83846	17.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.960%
7) Chloroethane-d5	2.899	69	71429	19.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	4.021	65	42612	21.239	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.960%
21) 2-Butanone-d5	7.087	46	40490	50.602	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.200%
24) Chloroform-d	7.648	84	213837	24.467	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.306	65	107156	24.659	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.640%
32) Benzene-d6	8.276	84	401672	22.561	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.240%
36) 1,2-Dichloropropane-d6	9.270	67	124820	23.783	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	10.324	98	370824	23.221	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.880%
43) trans-1,3-Dichloroprop...	10.574	79	45272	21.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.120%
47) 2-Hexanone-d5	10.922	63	33109	48.676	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94743	25.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	126222	26.660	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.640%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	3380	1.070	ug/L	93
3) Chloromethane	2.222	50	3873	0.910	ug/L #	81
5) Vinyl chloride	2.368	62	5670	1.124	ug/L #	58
6) Bromomethane	2.795	94	3374	1.019	ug/L	99
8) Chloroethane	2.942	64	3386	1.108	ug/L	99
9) Trichlorofluoromethane	3.271	101	5894	1.281	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	7901m	1.865	ug/L	
12) 1,1-Dichloroethene	4.039	96	6029	1.573	ug/L #	1
14) Carbon disulfide	4.386	76	13573	1.077	ug/L	98
15) Methyl Acetate	4.703	43	1731m	1.208	ug/L	
16) Methylene chloride	4.923	84	9417	2.247	ug/L	86
17) trans-1,2-Dichloroethene	5.435	96	5078	1.208	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	6037	1.064	ug/L #	73
19) 1,1-Dichloroethane	6.221	63	9340	1.191	ug/L	98
20) cis-1,2-Dichloroethene	7.166	96	5189	1.164	ug/L	98
22) 2-Butanone	7.154	43	4366m	3.989	ug/L	
23) Bromochloromethane	7.520	128	2640m	1.352	ug/L	
25) Chloroform	7.679	83	10976	1.330	ug/L	96
27) 1,2-Dichloroethane	8.404	62	5791	1.127	ug/L #	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	6195	0.902	ug/L	95
30) 1,1,1-Trichloroethane	7.867	97	8668	1.177	ug/L	100
31) Carbon tetrachloride	8.069	117	8038	1.215	ug/L	98
33) Benzene	8.325	78	22464	1.216	ug/L	100
34) Trichloroethene	9.093	95	6177	1.213	ug/L	95
35) Methylcyclohexane	9.337	83	7710	0.955	ug/L	89
37) 1,2-Dichloropropane	9.367	63	5265	1.141	ug/L #	95
38) Bromodichloromethane	9.642	83	6938	1.144	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	7293	1.056	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	4292	2.033	ug/L	94
42) Toluene	10.385	91	23915	1.223	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	6362m	1.109	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	4168	1.258	ug/L	97
46) Tetrachloroethene	10.861	164	5454	1.401	ug/L	92
48) 2-Hexanone	10.971	43	3359	2.091	ug/L #	90
49) Dibromochloromethane	11.129	129	4306	1.192	ug/L	94
50) 1,2-Dibromoethane	11.233	107	3784	1.238	ug/L #	99
51) Chlorobenzene	11.653	112	16167	1.291	ug/L	93
52) Ethylbenzene	11.727	91	23427	1.060	ug/L	100
53) m,p-Xylene	11.836	106	9273	1.116	ug/L	97
54) o-Xylene	12.159	106	7049	0.922	ug/L	93
55) Styrene	12.178	104	11147	0.853	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.708	83	4722	1.306	ug/L #	89
59) Bromoform	12.348	173	2214	1.193	ug/L #	86
60) Isopropylbenzene	12.458	105	19694	0.993	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	3240	1.330	ug/L #	87
62) 1,3,5-Trimethylbenzene	12.940	105	14794	0.948	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	13319	0.876	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	10796	1.240	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	12305	1.377	ug/L	89
67) 1,2-Dichlorobenzene	13.866	146	11588	1.494	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	688m	1.334	ug/L	
69) 1,3,5-Trichlorobenzene	14.622	180	7373	1.276	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	5813	1.267	ug/L	100
71) Naphthalene	15.360	128	7460	1.003	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	5163	1.306	ug/L	97

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

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