

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080624\
 Data File : VW029838.D
 Acq On : 06 Aug 2024 13:24
 Operator : SY/MD
 Sample : P3391-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2024-05

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

Quant Time: Aug 07 02:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 07 02:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	216407	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	200566	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	95300	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50115	16.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.240%
7) Chloroethane-d5	2.893	69	43041	19.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.480%
11) 1,1-Dichloroethene-d2	4.021	65	25539	18.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.840%
21) 2-Butanone-d5	7.081	46	40375	47.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.900%
24) Chloroform-d	7.648	84	140551	25.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	8.307	65	84616	26.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.080%
32) Benzene-d6	8.270	84	259603	23.955	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	9.270	67	90373	26.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	10.325	98	229561	23.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	10.581	79	32223	23.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.922	63	25095	43.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68682	26.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	78118	26.399	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	3664m	1.256	ug/L	
3) Chloromethane	2.216	50	4961	1.374	ug/L	94
5) Vinyl chloride	2.369	62	5359m	1.325	ug/L	
6) Bromomethane	2.783	94	2997	1.349	ug/L	86
8) Chloroethane	2.936	64	2715	1.180	ug/L	99
9) Trichlorofluoromethane	3.265	101	3661	1.133	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	5146m	1.599	ug/L	
12) 1,1-Dichloroethene	4.045	96	4173	1.412	ug/L #	1
14) Carbon disulfide	4.387	76	11050	1.123	ug/L	100
15) Methyl Acetate	4.685	43	2045	1.173	ug/L #	74
16) Methylene chloride	4.923	84	10427	2.305	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	3971	1.246	ug/L	87
18) Methyl tert-butyl Ether	5.435	73	5838m	1.112	ug/L	
19) 1,1-Dichloroethane	6.216	63	8713	1.297	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	4400	1.273	ug/L	91
22) 2-Butanone	7.191	43	3460m	2.580	ug/L	
23) Bromochloromethane	7.520	128	1928	1.314	ug/L	84
25) Chloroform	7.679	83	9716	1.535	ug/L	97
27) 1,2-Dichloroethane	8.398	62	5892	1.277	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	5463	0.958	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	6484	1.277	ug/L	99
31) Carbon tetrachloride	8.069	117	5601	1.224	ug/L	95
33) Benzene	8.325	78	18620	1.355	ug/L	100
34) Trichloroethene	9.093	95	4709	1.307	ug/L	98
35) Methylcyclohexane	9.337	83	6207	1.034	ug/L	92
37) 1,2-Dichloropropane	9.368	63	4932	1.310	ug/L #	96
38) Bromodichloromethane	9.648	83	5943	1.325	ug/L	90
39) cis-1,3-Dichloropropene	10.075	75	6848	1.249	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	5013	2.096	ug/L #	96
42) Toluene	10.386	91	18012	1.284	ug/L	97
44) trans-1,3-Dichloropropene	10.611	75	6337m	1.392	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	3389	1.340	ug/L	94
46) Tetrachloroethene	10.861	164	3609	1.378	ug/L	96
48) 2-Hexanone	10.971	43	4440m	2.478	ug/L	
49) Dibromochloromethane	11.129	129	3325	1.266	ug/L	85
50) 1,2-Dibromoethane	11.233	107	3005	1.284	ug/L #	94
51) Chlorobenzene	11.654	112	11556	1.324	ug/L	96
52) Ethylbenzene	11.733	91	18699	1.182	ug/L	99
53) m,p-Xylene	11.837	106	6446	1.108	ug/L	89
54) o-Xylene	12.160	106	5837	1.089	ug/L	97
55) Styrene	12.178	104	9203	0.991	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	4581	1.475	ug/L #	94
59) Bromoform	12.349	173	1901	1.326	ug/L	97
60) Isopropylbenzene	12.458	105	15217	1.032	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	3191	1.377	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	11777	1.074	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	10902	0.930	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	7859	1.249	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	8639	1.337	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	7612	1.329	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	679m	1.290	ug/L	
69) 1,3,5-Trichlorobenzene	14.629	180	5242	1.218	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	4422	1.219	ug/L #	83
71) Naphthalene	15.360	128	6531	0.944	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	3407	1.038	ug/L	91

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

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