

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027567.D
 Acq On : 06 Dec 2023 14:38
 Operator : SY/MD
 Sample : 04696-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2023-08

Quant Time: Dec 07 07:15:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:54:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	310152	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	277475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128111	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	131821	21.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.480%
7) Chloroethane-d5	2.899	69	100260	22.159	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
11) 1,1-Dichloroethene-d2	4.027	65	59894	22.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.720%
21) 2-Butanone-d5	7.075	46	58272	35.630	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.260%
24) Chloroform-d	7.648	84	212307	22.933	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	8.307	65	105301	22.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.960%
32) Benzene-d6	8.276	84	454162	23.239	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	9.276	67	134500	23.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	10.325	98	399317	23.353	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	10.581	79	46696	20.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.840%
47) 2-Hexanone-d5	10.922	63	39631	36.919	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95483	20.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	110797	24.672	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	5105m	1.229	ug/L	
3) Chloromethane	2.223	50	5611	1.103	ug/L	100
5) Vinyl chloride	2.375	62	6930m	1.168	ug/L	
6) Bromomethane	2.796	94	3579	1.150	ug/L	97
8) Chloroethane	2.930	64	4413m	1.302	ug/L	
9) Trichlorofluoromethane	3.283	101	5268	0.927	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	7051m	1.455	ug/L	
12) 1,1-Dichloroethene	4.045	96	5900	1.334	ug/L #	1
13) Acetone	4.119	43	5271m	3.343	ug/L	
14) Carbon disulfide	4.387	76	15386	1.151	ug/L	97
15) Methyl Acetate	4.692	43	3036m	1.102	ug/L	
16) Methylene chloride	4.923	84	10214	2.020	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	4829	1.059	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	6817	0.926	ug/L #	68
19) 1,1-Dichloroethane	6.228	63	8969	0.967	ug/L #	90
20) cis-1,2-Dichloroethene	7.179	96	4575	0.934	ug/L	77
22) 2-Butanone	7.185	43	6285m	3.090	ug/L	
23) Bromochloromethane	7.508	128	1962	1.018	ug/L	76
25) Chloroform	7.679	83	9497	1.128	ug/L	85

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27) 1,2-Dichloroethane	8.411	62	5550m	1.019	ug/L	
29) Cyclohexane	7.953	56	9260	1.015	ug/L	96
30) 1,1,1-Trichloroethane	7.880	97	7706	0.996	ug/L	98
31) Carbon tetrachloride	8.081	117	6666m	0.987	ug/L	
33) Benzene	8.331	78	18388	0.960	ug/L	100
34) Trichloroethene	9.099	95	5320	1.017	ug/L	95
35) Methylcyclohexane	9.337	83	9155	0.983	ug/L	94
37) 1,2-Dichloropropane	9.368	63	5074	1.003	ug/L #	93
38) Bromodichloromethane	9.642	83	5563	0.952	ug/L #	98
39) cis-1,3-Dichloropropene	10.075	75	6295	0.862	ug/L	90
40) 4-Methyl-2-pentanone	10.209	43	4823	1.411	ug/L #	89
42) Toluene	10.386	91	20286	1.002	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	6276m	1.066	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	3361	0.954	ug/L	95
46) Tetrachloroethene	10.861	164	3931	1.054	ug/L	88
48) 2-Hexanone	10.965	43	4206m	1.746	ug/L	
49) Dibromochloromethane	11.123	129	3131	0.900	ug/L	100
50) 1,2-Dibromoethane	11.233	107	3092	0.960	ug/L #	82
51) Chlorobenzene	11.660	112	11835	0.968	ug/L	94
52) Ethylbenzene	11.727	91	21427	0.931	ug/L	94
53) m,p-Xylene	11.837	106	7973	0.940	ug/L	100
54) o-Xylene	12.166	106	6660	0.864	ug/L	97
55) Styrene	12.178	104	11171	0.849	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.715	83	4431	0.967	ug/L #	94
59) Bromoform	12.349	173	1800	1.003	ug/L	88
60) Isopropylbenzene	12.459	105	20185	0.954	ug/L #	94
61) 1,2,3-Trichloropropane	12.763	75	2959	0.958	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	14047	0.898	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	14496	0.930	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	7909	0.976	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	8897	1.101	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	7099	0.973	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	14.476	75	704m	0.947	ug/L	
69) 1,3,5-Trichlorobenzene	14.629	180	5443	0.999	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	4559	1.078	ug/L	91
71) Naphthalene	15.360	128	7799	0.876	ug/L #	77
72) 1,2,3-Trichlorobenzene	15.549	180	3501	0.966	ug/L	97

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

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