

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071423\
 Data File : VW026613.D
 Acq On : 14 Jul 2023 11:01
 Operator : SY/MD
 Sample : 03573-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2023-05

Quant Time: Jul 15 05:11:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 15 05:08:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	602946	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	546161	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260146	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	172254	16.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.760%
7) Chloroethane-d5	2.893	69	131236	18.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.560%
11) 1,1-Dichloroethene-d2	4.021	65	85963	17.998	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.000%
21) 2-Butanone-d5	7.075	46	148494	45.177	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.360%
24) Chloroform-d	7.648	84	350890	20.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	8.307	65	207412	21.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	8.276	84	725490	19.350	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	9.270	67	235253	20.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.640%
41) Toluene-d8	10.325	98	613205	19.069	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.280%
43) trans-1,3-Dichloroprop...	10.575	79	90532	19.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.400%
47) 2-Hexanone-d5	10.922	63	99173	44.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	209972	21.508	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.040%
66) 1,2-Dichlorobenzene-d4	13.849	152	207401	21.714	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	5835m	0.858	ug/L	
3) Chloromethane	2.216	50	9539	0.982	ug/L	94
5) Vinyl chloride	2.381	62	10862m	1.061	ug/L	
6) Bromomethane	2.790	94	5779m	1.061	ug/L	
8) Chloroethane	2.930	64	6219	1.086	ug/L	94
9) Trichlorofluoromethane	3.259	101	6704m	0.884	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	10720m	1.273	ug/L	
12) 1,1-Dichloroethene	4.045	96	8526	1.056	ug/L	# 1
13) Acetone	4.131	43	7986m	3.378	ug/L	
14) Carbon disulfide	4.387	76	26369	0.931	ug/L	100
15) Methyl Acetate	4.673	43	6988m	1.230	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	8010	0.927	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	12608m	0.933	ug/L	
19) 1,1-Dichloroethane	6.216	63	16579	0.960	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	8347	0.933	ug/L	75
22) 2-Butanone	7.167	43	13097m	3.638	ug/L	
23) Bromochloromethane	7.514	128	3657	0.955	ug/L	89
25) Chloroform	7.679	83	15637	0.988	ug/L	90
27) 1,2-Dichloroethane	8.404	62	11353	1.019	ug/L	98

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29) Cyclohexane	7.953	56	13245	0.779	ug/L #	71
30) 1,1,1-Trichloroethane	7.880	97	11931	0.891	ug/L #	82
31) Carbon tetrachloride	8.069	117	11238	0.925	ug/L	97
33) Benzene	8.325	78	35316	0.938	ug/L	100
34) Trichloroethene	9.093	95	9163	0.948	ug/L	94
35) Methylcyclohexane	9.331	83	14009	0.807	ug/L	94
37) 1,2-Dichloropropane	9.368	63	9418	0.942	ug/L #	97
38) Bromodichloromethane	9.648	83	11333	0.998	ug/L #	97
39) cis-1,3-Dichloropropene	10.075	75	12339m	0.858	ug/L	
40) 4-Methyl-2-pentanone	10.209	43	13129	1.741	ug/L	98
42) Toluene	10.386	91	35781	0.942	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	11837m	0.975	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	6967	0.999	ug/L	95
48) 2-Hexanone	10.971	43	11103	2.109	ug/L	97
49) Dibromochloromethane	11.123	129	6801	0.985	ug/L	88
50) 1,2-Dibromoethane	11.233	107	6177	0.939	ug/L #	92
51) Chlorobenzene	11.654	112	22109	0.949	ug/L	96
52) Ethylbenzene	11.727	91	36053	0.852	ug/L	97
53) m,p-Xylene	11.837	106	12359	0.803	ug/L	88
54) o-Xylene	12.166	106	10671	0.739	ug/L	97
55) Styrene	12.178	104	17984	0.738	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	9580	1.047	ug/L	99
59) Bromoform	12.343	173	3787	0.920	ug/L #	98
60) Isopropylbenzene	12.465	105	28786	0.715	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	6859	0.976	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.940	105	22289	0.722	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	20769	0.679	ug/L	99
64) 1,3-Dichlorobenzene	13.501	146	15207	0.900	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	16670	0.990	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	14548	0.973	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	14.483	75	2108	1.260	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	10669	0.955	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	8294	0.904	ug/L	92
71) Naphthalene	15.360	128	15744	0.758	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	7979	0.924	ug/L	96

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

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