

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
 Data File : VW022132.D
 Acq On : 24 Feb 2022 11:44
 Operator : SY/VA
 Sample : N1331-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2022-02

Quant Time: Feb 25 06:29:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 25 04:49:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/25/2022
 Supervised By :Mahesh Dadoda 02/28/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	118737	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	110279	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56131	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34140	22.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.160%
7) Chloroethane-d5	2.879	69	24128	19.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	4.013	63	38560	16.259	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.040%
21) 2-Butanone-d5	7.080	46	15076	57.898	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.800%
24) Chloroform-d	7.647	84	57755	21.801	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	8.305	65	31752	23.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.240%
32) Benzene-d6	8.275	84	110984	21.624	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.480%
36) 1,2-Dichloropropane-d6	9.274	67	31569	22.149	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.600%
41) Toluene-d8	10.323	98	104958	20.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.280%
43) trans-1,3-Dichloroprop...	10.579	79	12813	20.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.080%
47) 2-Hexanone-d5	10.927	63	11469	48.924	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30344	24.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	38939	21.598	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	218	0.657	ug/L #	40
3) Chloromethane	2.215	50	1350	1.187	ug/L	95
5) Vinyl chloride	2.361	62	1952	1.142	ug/L #	1
6) Bromomethane	2.776	94	1053	0.882	ug/L	98
8) Chloroethane	2.916	64	1037m	1.080	ug/L	
9) Trichlorofluoromethane	3.251	101	1244	1.072	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	1827m	1.291	ug/L	
12) 1,1-Dichloroethene	4.038	96	1477	1.204	ug/L #	1
13) Acetone	4.147	43	752m	3.536	ug/L	
14) Carbon disulfide	4.385	76	2739	0.861	ug/L	100
15) Methyl Acetate	4.684	43	556m	1.161	ug/L	
16) Methylene chloride	4.915	84	2454	1.684	ug/L	84
17) trans-1,2-Dichloroethene	5.434	96	1247m	0.926	ug/L	
18) Methyl tert-butyl Ether	5.421	73	1588m	0.866	ug/L	
19) 1,1-Dichloroethane	6.214	63	1985	0.910	ug/L #	84
20) cis-1,2-Dichloroethene	7.171	96	1294m	0.887	ug/L	
22) 2-Butanone	7.171	43	841m	2.753	ug/L	
23) Bromochloromethane	7.525	128	673m	0.944	ug/L	
25) Chloroform	7.677	83	2923	1.149	ug/L #	72

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27) 1,2-Dichloroethane	8.409	62	1526	0.974	ug/L #	92
29) Cyclohexane	7.951	56	1496	0.815	ug/L	94
30) 1,1,1-Trichloroethane	7.866	97	1951	0.879	ug/L #	38
31) Carbon tetrachloride	8.067	117	1754m	0.832	ug/L	
33) Benzene	8.323	78	4188	0.785	ug/L	100
34) Trichloroethene	9.085	95	1275	0.835	ug/L	90
35) Methylcyclohexane	9.341	83	1920	0.813	ug/L	91
37) 1,2-Dichloropropane	9.366	63	1115	0.896	ug/L #	85
38) Bromodichloromethane	9.652	83	1474	0.826	ug/L #	71
39) cis-1,3-Dichloropropene	10.073	75	1444	0.764	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	1219	1.815	ug/L #	93
42) Toluene	10.384	91	6785	1.124	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	1202	0.707	ug/L	88
45) 1,1,2-Trichloroethane	10.786	97	892	0.809	ug/L	94
46) Tetrachloroethene	10.860	164	1140	0.852	ug/L	87
48) 2-Hexanone	10.969	43	976	2.093	ug/L #	72
49) Dibromochloromethane	11.128	129	1007	0.752	ug/L	89
50) 1,2-Dibromoethane	11.231	107	868	0.816	ug/L #	94
51) Chlorobenzene	11.658	112	3602	0.858	ug/L	93
52) Ethylbenzene	11.731	91	5078	0.760	ug/L	95
53) m,p-Xylene	11.835	106	2141	0.779	ug/L	78
54) o-Xylene	12.164	106	1710	0.661	ug/L	98
55) Styrene	12.182	104	2902	0.669	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	1401	1.095	ug/L #	89
59) Bromoform	12.341	173	160	0.216	ug/L #	1
60) Isopropylbenzene	12.463	105	4500	0.668	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	802	0.905	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	3213	0.717	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	3930	0.718	ug/L	91
64) 1,3-Dichlorobenzene	13.499	146	2466	0.738	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	2876	0.859	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	2389	0.804	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	152m	0.812	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	1910	0.796	ug/L #	91
70) 1,2,4-trichlorobenzene	15.127	180	1561	0.860	ug/L	92
71) Naphthalene	15.359	128	2060	0.643	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	1179	0.751	ug/L	93

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

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