

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081822\
 Data File : VW024275.D
 Acq On : 18 Aug 2022 15:22
 Operator : SY/VA
 Sample : N3670-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2022-03

Quant Time: Aug 18 21:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 18 01:04:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	252268	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	246922	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	113145	21.457	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.840%
7) Chloroethane-d5	2.873	69	75488	22.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.920%
11) 1,1-Dichloroethene-d2	4.001	63	92976	15.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.880%
21) 2-Butanone-d5	7.074	46	50029	50.997	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
24) Chloroform-d	7.647	84	177592	23.266	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	8.299	65	104087	24.562	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.240%
32) Benzene-d6	8.269	84	329926	22.656	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	9.275	67	100547	23.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.323	98	289784	21.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.160%
43) trans-1,3-Dichloroprop...	10.573	79	41738	22.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.640%
47) 2-Hexanone-d5	10.927	63	39309	49.497	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	100649	24.127	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	114056	24.592	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	1911	0.861	ug/L #	82
5) Vinyl chloride	2.349	62	7640m	1.319	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	4921m	1.328	ug/L	
13) Acetone	4.123	43	4379	6.063	ug/L	95
14) Carbon disulfide	4.379	76	9843	1.014	ug/L #	91
15) Methyl Acetate	4.672	43	2480m	1.524	ug/L	
16) Methylene chloride	4.916	84	24227	5.446	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	3614m	1.032	ug/L	
18) Methyl tert-butyl Ether	5.422	73	5340m	1.069	ug/L	
19) 1,1-Dichloroethane	6.214	63	6322	1.025	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	4077	1.060	ug/L #	65
22) 2-Butanone	7.147	43	7494m	6.157	ug/L	
23) Bromochloromethane	7.519	128	2154m	1.124	ug/L	
25) Chloroform	7.677	83	7578	1.115	ug/L	97
27) 1,2-Dichloroethane	8.403	62	5042	1.102	ug/L	96
29) Cyclohexane	7.946	56	4516	0.892	ug/L #	95
30) 1,1,1-Trichloroethane	7.866	97	5692	1.022	ug/L	92
31) Carbon tetrachloride	8.061	117	5065	0.964	ug/L	99
33) Benzene	8.317	78	18804	1.289	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.092	95	4033	1.046	ug/L	89
35) Methylcyclohexane	9.329	83	5212	0.862	ug/L #	88
37) 1,2-Dichloropropane	9.366	63	4019	1.115	ug/L #	86
38) Bromodichloromethane	9.640	83	5183	1.025	ug/L	85
39) cis-1,3-Dichloropropene	10.073	75	5512	1.039	ug/L	91
40) 4-Methyl-2-pentanone	10.207	43	5147	2.151	ug/L	92
42) Toluene	10.384	91	15910	1.027	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	7425m	1.532	ug/L	
45) 1,1,2-Trichloroethane	10.786	97	3299	1.086	ug/L	97
46) Tetrachloroethene	10.860	164	3256	1.043	ug/L	92
49) Dibromochloromethane	11.128	129	3322	0.908	ug/L	91
50) 1,2-Dibromoethane	11.232	107	3108	1.068	ug/L	91
51) Chlorobenzene	11.652	112	11050	1.044	ug/L	95
52) Ethylbenzene	11.731	91	15078	0.888	ug/L	94
53) m,p-Xylene	11.835	106	5376	0.813	ug/L	80
54) o-Xylene	12.164	106	4890	0.783	ug/L	86
55) Styrene	12.176	104	7897	0.727	ug/L	85
57) 1,1,2,2-Tetrachloroethane	12.713	83	3586	0.944	ug/L #	91
59) Bromoform	12.347	173	1885	0.975	ug/L #	98
60) Isopropylbenzene	12.457	105	12242	0.798	ug/L #	95
61) 1,2,3-Trichloropropane	12.768	75	2821	1.118	ug/L #	85
62) 1,3,5-Trimethylbenzene	12.939	105	9478	0.748	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	9376	0.751	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	7003	0.932	ug/L	95
65) 1,4-Dichlorobenzene	13.573	146	8168	1.027	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	8001	1.121	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	827m	1.403	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	5324	1.081	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	3353	0.850	ug/L	95
71) Naphthalene	15.365	128	5763	0.750	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.548	180	3080	0.857	ug/L	98

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

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