

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029799.D
 Acq On : 30 Jul 2024 12:41
 Operator : SY/MD
 Sample : P3391-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

Quant Time: Jul 31 02:50:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	231428	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	219499	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	102456	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	62051	18.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.560%
7) Chloroethane-d5	2.899	69	50560	21.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	4.021	65	30710	20.476	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.920%
21) 2-Butanone-d5	7.069	46	40950	45.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.940%
24) Chloroform-d	7.642	84	143134	23.892	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.301	65	83950	24.602	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	8.270	84	274126	23.114	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	9.270	67	90681	23.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.800%
41) Toluene-d8	10.319	98	241236	22.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.520%
43) trans-1,3-Dichloroprop...	10.575	79	33883	22.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.440%
47) 2-Hexanone-d5	10.922	63	25837	41.377	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67409	23.973	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	75342	23.683	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	3469m	1.112	ug/L	
3) Chloromethane	2.216	50	4839	1.254	ug/L	98
5) Vinyl chloride	2.369	62	4817	1.114	ug/L	83
6) Bromomethane	2.783	94	2742	1.155	ug/L	84
8) Chloroethane	2.942	64	3033	1.233	ug/L	95
9) Trichlorofluoromethane	3.259	101	3405	0.986	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	4768m	1.386	ug/L	
12) 1,1-Dichloroethene	4.039	96	4094m	1.295	ug/L	
14) Carbon disulfide	4.381	76	12051	1.145	ug/L #	91
15) Methyl Acetate	4.692	43	1841m	0.988	ug/L	
16) Methylene chloride	4.923	84	20499	4.237	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	3793	1.113	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	5425	0.966	ug/L #	66
19) 1,1-Dichloroethane	6.216	63	7999	1.113	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	3910	1.058	ug/L #	88
22) 2-Butanone	7.173	43	3300m	2.301	ug/L	
23) Bromochloromethane	7.514	128	1856	1.183	ug/L	90
25) Chloroform	7.679	83	8356	1.234	ug/L	94
27) 1,2-Dichloroethane	8.404	62	5862	1.188	ug/L	96

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29) Cyclohexane	7.959	56	4570	0.733	ug/L #	93
30) 1,1,1-Trichloroethane	7.868	97	5773	1.039	ug/L	99
31) Carbon tetrachloride	8.069	117	5569	1.112	ug/L	96
33) Benzene	8.319	78	17052	1.134	ug/L	100
34) Trichloroethene	9.093	95	4403	1.117	ug/L	95
35) Methylcyclohexane	9.331	83	5726	0.872	ug/L	87
37) 1,2-Dichloropropane	9.368	63	4528	1.099	ug/L #	96
38) Bromodichloromethane	9.648	83	5309	1.082	ug/L #	86
39) cis-1,3-Dichloropropene	10.069	75	5901	0.983	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	4763	1.819	ug/L	98
42) Toluene	10.386	91	16754	1.091	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	6777	1.360	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	3018	1.090	ug/L	96
46) Tetrachloroethene	10.861	164	3246	1.133	ug/L	97
48) 2-Hexanone	10.971	43	3846	1.962	ug/L #	96
49) Dibromochloromethane	11.129	129	3034	1.056	ug/L	99
50) 1,2-Dibromoethane	11.233	107	2900	1.132	ug/L #	85
51) Chlorobenzene	11.654	112	10706	1.121	ug/L	92
52) Ethylbenzene	11.727	91	16993	0.981	ug/L	97
53) m,p-Xylene	11.837	106	5679	0.892	ug/L	95
54) o-Xylene	12.166	106	4953	0.845	ug/L	91
55) Styrene	12.178	104	8560	0.842	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	3705	1.090	ug/L #	89
59) Bromoform	12.349	173	1694	1.099	ug/L #	97
60) Isopropylbenzene	12.459	105	13552	0.855	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	2785	1.118	ug/L	92
62) 1,3,5-Trimethylbenzene	12.940	105	10536	0.894	ug/L	94
63) 1,2,4-Trimethylbenzene	13.245	105	9880	0.784	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	6641	0.982	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	7993	1.150	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	7119	1.156	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.483	75	731m	1.292	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	4530	0.979	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	3515	0.902	ug/L	98
71) Naphthalene	15.360	128	5639	0.758	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.549	180	3150	0.893	ug/L	95

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

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