

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050824\
 Data File : VW028594.D
 Acq On : 08 May 2024 10:13
 Operator : SY/MD
 Sample : P2409-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

Quant Time: May 09 01:01:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 09 00:53:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	294655	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127393	22.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
7) Chloroethane-d5	2.905	69	98649	23.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
11) 1,1-Dichloroethene-d2	4.027	65	53933	23.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.280%
21) 2-Butanone-d5	7.081	46	55866	38.270	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.540%
24) Chloroform-d	7.654	84	224525	24.386	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	8.307	65	126790	24.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.276	84	443642	24.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.880%
36) 1,2-Dichloropropane-d6	9.276	67	135185	25.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.120%
41) Toluene-d8	10.325	98	396281	24.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.720%
43) trans-1,3-Dichloroprop...	10.575	79	50593	23.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.160%
47) 2-Hexanone-d5	10.922	63	37424	40.176	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99908	22.061	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	117740	24.889	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	4647m	1.085	ug/L	
3) Chloromethane	2.223	50	6311m	1.190	ug/L	
5) Vinyl chloride	2.375	62	7439m	1.246	ug/L	
6) Bromomethane	2.789	94	4318	1.250	ug/L	90
8) Chloroethane	2.936	64	4001m	1.175	ug/L	
9) Trichlorofluoromethane	3.271	101	5153m	1.051	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	7155m	1.583	ug/L	
12) 1,1-Dichloroethene	4.045	96	5867	1.447	ug/L #	1
14) Carbon disulfide	4.393	76	15688	1.145	ug/L #	94
15) Methyl Acetate	4.673	43	2717m	1.176	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	4976	1.179	ug/L	84
18) Methyl tert-butyl Ether	5.435	73	7277m	1.168	ug/L	
19) 1,1-Dichloroethane	6.222	63	9754	1.165	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	5362	1.214	ug/L	89
23) Bromochloromethane	7.520	128	2524	1.310	ug/L #	84
25) Chloroform	7.679	83	10774	1.331	ug/L	91
27) 1,2-Dichloroethane	8.410	62	7549	1.282	ug/L	100
29) Cyclohexane	7.959	56	7247	0.945	ug/L	93
30) 1,1,1-Trichloroethane	7.880	97	7844	1.164	ug/L	97

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31) Carbon tetrachloride	8.075	117	7107	1.156	ug/L	98
33) Benzene	8.325	78	21805	1.250	ug/L	100
34) Trichloroethene	9.093	95	5503	1.177	ug/L	91
35) Methylcyclohexane	9.337	83	9023	1.104	ug/L	98
37) 1,2-Dichloropropane	9.368	63	5668	1.247	ug/L #	90
38) Bromodichloromethane	9.648	83	6893	1.244	ug/L	92
39) cis-1,3-Dichloropropene	10.069	75	7725	1.186	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	6173	1.995	ug/L	99
42) Toluene	10.386	91	21502	1.193	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	6055	1.102	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	3893	1.182	ug/L	94
46) Tetrachloroethene	10.861	164	3711	1.101	ug/L	87
48) 2-Hexanone	10.965	43	4897	2.242	ug/L	97
49) Dibromochloromethane	11.129	129	3980	1.205	ug/L	86
50) 1,2-Dibromoethane	11.239	107	3525	1.143	ug/L #	96
51) Chlorobenzene	11.654	112	13442	1.206	ug/L	97
52) Ethylbenzene	11.727	91	22749	1.116	ug/L	96
53) m,p-Xylene	11.837	106	7985	1.068	ug/L	86
54) o-Xylene	12.166	106	7467	1.080	ug/L	81
55) Styrene	12.178	104	12017	1.026	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	5204	1.260	ug/L #	88
59) Bromoform	12.349	173	2208	1.219	ug/L #	95
60) Isopropylbenzene	12.459	105	19978	1.061	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	3254	1.085	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.940	105	13709	1.029	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	13956	0.972	ug/L	96
64) 1,3-Dichlorobenzene	13.501	146	9253	1.181	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	10368	1.295	ug/L	87
67) 1,2-Dichlorobenzene	13.867	146	9494	1.354	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	814m	1.161	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	6467	1.230	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	5322	1.253	ug/L	95
71) Naphthalene	15.354	128	8935	0.987	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.549	180	4760	1.242	ug/L	98

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

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