

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029856.D
 Acq On : 08 Aug 2024 11:02
 Operator : SY/MD
 Sample : P3391-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Aug 09 01:18:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 00:48:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/09/2024
 Supervised By :Mahesh Dadoda 08/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	212332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	201320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90674	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	41841	13.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.520%
7) Chloroethane-d5	2.905	69	37624	17.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.920%
11) 1,1-Dichloroethene-d2	4.021	65	21987	15.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.920%
21) 2-Butanone-d5	7.081	46	31374	37.974	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.940%
24) Chloroform-d	7.648	84	114592	20.848	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	8.307	65	67491	21.558	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.240%
32) Benzene-d6	8.276	84	209559	19.265	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.080%
36) 1,2-Dichloropropane-d6	9.276	67	72813	20.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.840%
41) Toluene-d8	10.325	98	176701	18.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.080%
43) trans-1,3-Dichloroprop...	10.575	79	25642	18.245	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.960%
47) 2-Hexanone-d5	10.922	63	19059	33.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	55402	21.482	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.920%
66) 1,2-Dichlorobenzene-d4	13.855	152	61906	21.988	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	3415m	1.193	ug/L	
3) Chloromethane	2.216	50	4777	1.349	ug/L	98
5) Vinyl chloride	2.375	62	5584	1.407	ug/L	92
6) Bromomethane	2.789	94	3264	1.498	ug/L	98
8) Chloroethane	2.936	64	3285	1.455	ug/L	94
9) Trichlorofluoromethane	3.265	101	4122	1.300	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	5172m	1.638	ug/L	
12) 1,1-Dichloroethene	4.039	96	4319	1.489	ug/L #	1
14) Carbon disulfide	4.387	76	11429	1.184	ug/L	95
15) Methyl Acetate	4.686	43	2242	1.311	ug/L #	70
16) Methylene chloride	4.923	84	9667	2.178	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	4090	1.308	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	6085	1.181	ug/L #	84
19) 1,1-Dichloroethane	6.216	63	9166	1.390	ug/L	93
20) cis-1,2-Dichloroethene	7.173	96	4292	1.266	ug/L	93
22) 2-Butanone	7.197	43	3770m	2.866	ug/L	
23) Bromochloromethane	7.520	128	1954	1.357	ug/L #	84
25) Chloroform	7.673	83	9424	1.517	ug/L	87
27) 1,2-Dichloroethane	8.410	62	6383	1.410	ug/L	98

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29) Cyclohexane	7.959	56	5781	1.010	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	6910	1.355	ug/L	97
31) Carbon tetrachloride	8.075	117	6379	1.389	ug/L	99
33) Benzene	8.325	78	20138	1.460	ug/L	100
34) Trichloroethene	9.093	95	4897	1.354	ug/L	92
35) Methylcyclohexane	9.331	83	6516	1.081	ug/L	91
37) 1,2-Dichloropropane	9.368	63	4981	1.318	ug/L #	94
38) Bromodichloromethane	9.648	83	5991	1.331	ug/L #	97
39) cis-1,3-Dichloropropene	10.069	75	6679m	1.213	ug/L	
40) 4-Methyl-2-pentanone	10.209	43	4935	2.055	ug/L	93
42) Toluene	10.386	91	18635	1.324	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	5844m	1.279	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	3466	1.365	ug/L #	89
46) Tetrachloroethene	10.861	164	3469	1.320	ug/L	93
48) 2-Hexanone	10.971	43	4105m	2.283	ug/L	
49) Dibromochloromethane	11.129	129	3394	1.287	ug/L	96
50) 1,2-Dibromoethane	11.239	107	3126	1.330	ug/L	77
51) Chlorobenzene	11.654	112	11987	1.369	ug/L	96
52) Ethylbenzene	11.727	91	19405	1.222	ug/L	100
53) m,p-Xylene	11.837	106	6441	1.103	ug/L	97
54) o-Xylene	12.160	106	5921	1.101	ug/L	96
55) Styrene	12.178	104	10287	1.103	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	4406	1.414	ug/L #	90
59) Bromoform	12.343	173	1750	1.283	ug/L #	97
60) Isopropylbenzene	12.459	105	15845	1.129	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	2943	1.334	ug/L	93
62) 1,3,5-Trimethylbenzene	12.940	105	12262	1.176	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	11553	1.036	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	8077	1.349	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	9157	1.489	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	8433	1.547	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.489	75	745m	1.488	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	5805	1.417	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	4250	1.232	ug/L	99
71) Naphthalene	15.354	128	6355	0.965	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	4025	1.289	ug/L	97

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

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