

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121924\
 Data File : VW031380.D
 Acq On : 19 Dec 2024 13:20
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.00g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

Reviewed By :Romaben
 Patel

Quant Time: Dec 20 01:32:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 00:25:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	551319	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	482852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	242283	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	187523	22.606	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.440%
7) Chloroethane-d5	2.893	69	154994	25.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.040%
11) 1,1-Dichloroethene-d2	4.015	65	88393	22.464	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.840%
21) 2-Butanone-d5	7.094	46	98845	63.273	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.540%
24) Chloroform-d	7.648	84	382250	25.305	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.240%
26) 1,2-Dichloroethane-d4	8.301	65	214675	28.298	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	8.270	84	775993	25.074	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.280%
36) 1,2-Dichloropropane-d6	9.270	67	232005	25.722	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.880%
41) Toluene-d8	10.319	98	706168	24.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	10.575	79	96864	23.291	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.160%
47) 2-Hexanone-d5	10.922	63	76342	62.937	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.880%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	179326	31.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.680%#
66) 1,2-Dichlorobenzene-d4	13.849	152	234024	26.018	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	5550m	1.114	ug/L	
3) Chloromethane	2.216	50	7778	1.390	ug/L	98
5) Vinyl chloride	2.363	62	10434	1.345	ug/L #	56
6) Bromomethane	2.790	94	6693	1.403	ug/L	97
8) Chloroethane	2.924	64	6519m	1.413	ug/L	
9) Trichlorofluoromethane	3.265	101	8565	1.036	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	11109m	1.665	ug/L	
12) 1,1-Dichloroethene	4.033	96	10164	1.504	ug/L #	1
14) Carbon disulfide	4.381	76	21649	0.982	ug/L	98
15) Methyl Acetate	4.704	43	6002m	2.429	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	9315	1.279	ug/L	87
18) Methyl tert-butyl Ether	5.423	73	16521	1.356	ug/L #	87
19) 1,1-Dichloroethane	6.210	63	16215	1.191	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	10173	1.291	ug/L	94
22) 2-Butanone	7.167	43	10667m	4.047	ug/L	
23) Bromochloromethane	7.508	128	4019	1.278	ug/L	95
25) Chloroform	7.673	83	30895	2.299	ug/L	93
27) 1,2-Dichloroethane	8.404	62	11243	1.331	ug/L	99
29) Cyclohexane	7.959	56	14352	1.096	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	13867	1.111	ug/L	98
31) Carbon tetrachloride	8.069	117	11817	1.063	ug/L	100
33) Benzene	8.325	78	36442	1.221	ug/L	100
34) Trichloroethene	9.093	95	10254	1.217	ug/L	99
35) Methylcyclohexane	9.331	83	16787	1.144	ug/L	98
37) 1,2-Dichloropropane	9.368	63	9497	1.276	ug/L #	95
38) Bromodichloromethane	9.648	83	10800	1.116	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	13496	1.073	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	14888	3.770	ug/L	100
42) Toluene	10.386	91	39032	1.201	ug/L	86
44) trans-1,3-Dichloropropene	10.599	75	11303	1.100	ug/L	93
45) 1,1,2-Trichloroethane	10.788	97	6874	1.388	ug/L	93
46) Tetrachloroethene	10.861	164	7885	1.278	ug/L	97
48) 2-Hexanone	10.965	43	6626	1.973	ug/L #	85
49) Dibromochloromethane	11.130	129	6532	1.113	ug/L	91
50) 1,2-Dibromoethane	11.233	107	6349	1.354	ug/L	93
51) Chlorobenzene	11.654	112	24990	1.227	ug/L	97
52) Ethylbenzene	11.727	91	46025	1.222	ug/L	98
53) m,p-Xylene	11.837	106	17887	1.248	ug/L	98
54) o-Xylene	12.160	106	15894	1.177	ug/L	93
55) Styrene	12.178	104	26527	1.181	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	8477	1.588	ug/L #	95
59) Bromoform	12.349	173	3140	0.923	ug/L #	41
60) Isopropylbenzene	12.459	105	45740	1.154	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	5812	1.402	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	36501	1.086	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	35071	1.079	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	19184	1.194	ug/L	92
65) 1,4-Dichlorobenzene	13.568	146	18934	1.190	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	17529	1.266	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.476	75	1647	1.565	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	12798	1.138	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	11377	1.216	ug/L	95
71) Naphthalene	15.360	128	22174	1.351	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	10122	1.342	ug/L	98

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

