

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031421.D
 Acq On : 20 Dec 2024 12:36
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 20 22:01:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 21:58:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	554677	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	489454	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	242328	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	159112	19.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.240%
7) Chloroethane-d5	2.899	69	138331	22.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
11) 1,1-Dichloroethene-d2	4.015	65	74016	18.697	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.800%
21) 2-Butanone-d5	7.094	46	83922	53.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.800%
24) Chloroform-d	7.648	84	326780	21.502	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	8.301	65	186202	24.396	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	8.270	84	653348	20.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.320%
36) 1,2-Dichloropropane-d6	9.270	67	195115	21.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.360%
41) Toluene-d8	10.319	98	593943	20.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	10.575	79	79034	18.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.000%
47) 2-Hexanone-d5	10.922	63	63252	51.442	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	153314	26.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	194415	21.611	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.003	85	5721m	1.141	ug/L	
3) Chloromethane	2.210	50	7460	1.325	ug/L	95
5) Vinyl chloride	2.369	62	10511m	1.347	ug/L	
6) Bromomethane	2.783	94	7119	1.484	ug/L	94
8) Chloroethane	2.930	64	6776	1.460	ug/L	100
9) Trichlorofluoromethane	3.265	101	9712	1.168	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	9808m	1.461	ug/L	
12) 1,1-Dichloroethene	4.027	96	8832	1.299	ug/L #	1
14) Carbon disulfide	4.381	76	20502	0.924	ug/L	96
15) Methyl Acetate	4.704	43	5164m	2.077	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	9300	1.269	ug/L	87
18) Methyl tert-butyl Ether	5.429	73	16309	1.331	ug/L #	87
19) 1,1-Dichloroethane	6.216	63	16800	1.227	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	10313	1.300	ug/L	95
22) 2-Butanone	7.203	43	7896m	2.977	ug/L	
23) Bromochloromethane	7.514	128	4252	1.344	ug/L #	89
25) Chloroform	7.679	83	24825	1.836	ug/L	95
27) 1,2-Dichloroethane	8.398	62	12235	1.440	ug/L #	95
29) Cyclohexane	7.953	56	14446	1.088	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	13745	1.086	ug/L	96
31) Carbon tetrachloride	8.069	117	11435	1.015	ug/L	94
33) Benzene	8.319	78	38047	1.258	ug/L	100
34) Trichloroethene	9.087	95	10360	1.213	ug/L	89
35) Methylcyclohexane	9.331	83	15546	1.045	ug/L	93
37) 1,2-Dichloropropane	9.362	63	9593	1.271	ug/L #	97
38) Bromodichloromethane	9.642	83	11292	1.151	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	14815	1.162	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	12941	3.233	ug/L	93
42) Toluene	10.386	91	41610	1.264	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	15587	1.497	ug/L	90
45) 1,1,2-Trichloroethane	10.782	97	7343	1.463	ug/L	96
46) Tetrachloroethene	10.855	164	7620	1.218	ug/L	93
48) 2-Hexanone	10.965	43	7169	2.106	ug/L	96
49) Dibromochloromethane	11.130	129	6436	1.082	ug/L	89
50) 1,2-Dibromoethane	11.233	107	6670	1.403	ug/L	100
51) Chlorobenzene	11.654	112	26903	1.303	ug/L	98
52) Ethylbenzene	11.727	91	45459	1.191	ug/L	93
53) m,p-Xylene	11.831	106	17313	1.192	ug/L	93
54) o-Xylene	12.160	106	16431	1.200	ug/L	96
55) Styrene	12.178	104	26301	1.155	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	9027	1.668	ug/L #	98
59) Bromoform	12.343	173	3369	0.990	ug/L	94
60) Isopropylbenzene	12.459	105	45873	1.157	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	6325	1.525	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	36359	1.081	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	33390	1.028	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	19726	1.228	ug/L	95
65) 1,4-Dichlorobenzene	13.568	146	20610	1.295	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	18302	1.322	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	1580	1.501	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.623	180	13903	1.236	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	11475	1.226	ug/L	96
71) Naphthalene	15.360	128	22409	1.366	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	10352	1.373	ug/L	99

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

