

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031469.D
 Acq On : 21 Dec 2024 18:56
 Operator : SY/MD
 Sample : MDL07
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

Quant Time: Dec 23 00:19:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 00:16:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	509715	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	468601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	225460	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	153355	19.996	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.000%		
7) Chloroethane-d5	2.893	69	129832	22.885	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.560%		
11) 1,1-Dichloroethene-d2	4.021	65	67852	18.651	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.600%		
21) 2-Butanone-d5	7.100	46	69770	48.307	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.620%		
24) Chloroform-d	7.648	84	305970	21.909	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.640%		
26) 1,2-Dichloroethane-d4	8.307	65	169647m	24.188	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.760%		
32) Benzene-d6	8.270	84	611461	20.359	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.440%		
36) 1,2-Dichloropropane-d6	9.270	67	186924	21.354	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.400%		
41) Toluene-d8	10.319	98	555732	19.889	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	79.560%		
43) trans-1,3-Dichloroprop...	10.575	79	68783	17.042	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	68.160%		
47) 2-Hexanone-d5	10.922	63	53382	45.347	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.700%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	135975	24.741	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.960%		
66) 1,2-Dichlorobenzene-d4	13.849	152	185519	22.165	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	5556m	1.206	ug/L	
3) Chloromethane	2.216	50	8220	1.588	ug/L	88
5) Vinyl chloride	2.369	62	10118	1.411	ug/L #	71
6) Bromomethane	2.790	94	6885	1.561	ug/L	88
8) Chloroethane	2.930	64	6624	1.553	ug/L	93
9) Trichlorofluoromethane	3.265	101	10541	1.380	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.058	101	10806m	1.751	ug/L	
12) 1,1-Dichloroethene	4.033	96	10686m	1.710	ug/L	
14) Carbon disulfide	4.387	76	21869	1.073	ug/L #	92
15) Methyl Acetate	4.698	43	6275m	2.747	ug/L	
17) trans-1,2-Dichloroethene	5.423	96	9279	1.378	ug/L	84
18) Methyl tert-butyl Ether	5.429	73	15710	1.395	ug/L	98
19) 1,1-Dichloroethane	6.216	63	17904	1.422	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	10315	1.415	ug/L	92
22) 2-Butanone	7.185	43	6892m	2.828	ug/L	
23) Bromochloromethane	7.520	128	4403	1.515	ug/L	90
25) Chloroform	7.673	83	21684	1.746	ug/L	94
27) 1,2-Dichloroethane	8.398	62	11843	1.516	ug/L	97
29) Cyclohexane	7.953	56	15150	1.192	ug/L	99

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30) 1,1,1-Trichloroethane	7.868	97	14077	1.162	ug/L	94
31) Carbon tetrachloride	8.069	117	12375	1.147	ug/L	97
33) Benzene	8.325	78	39672	1.370	ug/L	100
34) Trichloroethene	9.093	95	10881	1.331	ug/L	97
35) Methylcyclohexane	9.331	83	17366	1.220	ug/L	98
37) 1,2-Dichloropropane	9.368	63	10112	1.400	ug/L #	97
38) Bromodichloromethane	9.642	83	11669	1.242	ug/L	89
39) cis-1,3-Dichloropropene	10.075	75	14663	1.201	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	11841	3.089	ug/L #	51
42) Toluene	10.386	91	42586	1.351	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	14003	1.405	ug/L	93
45) 1,1,2-Trichloroethane	10.788	97	7098	1.477	ug/L	98
46) Tetrachloroethene	10.855	164	8406	1.404	ug/L	88
48) 2-Hexanone	10.965	43	5203	1.596	ug/L #	84
49) Dibromochloromethane	11.130	129	6864	1.205	ug/L	85
50) 1,2-Dibromoethane	11.233	107	6634	1.457	ug/L	87
51) Chlorobenzene	11.654	112	27827	1.408	ug/L	95
52) Ethylbenzene	11.727	91	47553	1.301	ug/L	93
53) m,p-Xylene	11.831	106	18450	1.326	ug/L	95
54) o-Xylene	12.160	106	16668	1.271	ug/L	95
55) Styrene	12.178	104	27370	1.255	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	8999	1.737	ug/L #	95
59) Bromoform	12.343	173	3295	1.040	ug/L	96
60) Isopropylbenzene	12.459	105	47274	1.281	ug/L	97
61) 1,2,3-Trichloropropane	12.769	75	6201	1.607	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	37717	1.206	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	36133	1.195	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	21383	1.430	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	21458	1.449	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	18729	1.454	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.483	75	1516	1.548	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	13794	1.318	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	12539	1.440	ug/L	94
71) Naphthalene	15.360	128	21182	1.387	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	10776	1.536	ug/L	93

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

