

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026801.D
 Acq On : 22 Aug 2023 15:25
 Operator : SY/MD
 Sample : 04108-03MS
 Misc : 4.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHN5MS

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2023
 Supervised By :Mahesh Dadoda 08/24/2023

Quant Time: Aug 23 01:30:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 23 01:29:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	525400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	484354	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	241826	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	228185	26.419	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 105.680%		
7) Chloroethane-d5	2.893	69	178859	27.849	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 111.400%		
11) 1,1-Dichloroethene-d2	4.027	65	129261	30.429	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 121.720%#		
21) 2-Butanone-d5	7.075	46	177796	71.622	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 143.240%#		
24) Chloroform-d	7.648	84	553581	31.393	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 125.560%		
26) 1,2-Dichloroethane-d4	8.307	65	329527m	33.863	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 135.440%#		
32) Benzene-d6	8.270	84	1147310	34.370	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 137.480%#		
36) 1,2-Dichloropropane-d6	9.270	67	346717	33.345	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 133.360%#		
41) Toluene-d8	10.325	98	983969	34.339	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 137.360%#		
43) trans-1,3-Dichloroprop...	10.575	79	150011	34.942	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 139.760%#		
47) 2-Hexanone-d5	10.922	63	97845	89.554	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 179.100%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	313417	38.168	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 152.680%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	280983	32.463	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 129.840%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	96073	13.449	ug/L #	86
3) Chloromethane	2.223	50	99582	10.195	ug/L	98
5) Vinyl chloride	2.381	62	110602	11.844	ug/L	95
6) Bromomethane	2.783	94	65493	12.038	ug/L	97
8) Chloroethane	2.930	64	64350	11.501	ug/L	97
9) Trichlorofluoromethane	3.259	101	90369	11.793	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	100920	12.192	ug/L	93
12) 1,1-Dichloroethene	4.051	96	108470m	13.968	ug/L	
13) Acetone	4.119	43	60149	24.369	ug/L	96
14) Carbon disulfide	4.393	76	343803	12.306	ug/L	99
15) Methyl Acetate	4.667	43	78831	15.944	ug/L	97
16) Methylene chloride	4.923	84	143699	14.139	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	116507	13.444	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	201557	15.372	ug/L	98
19) 1,1-Dichloroethane	6.216	63	240467	13.482	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	129331	13.885	ug/L	94
22) 2-Butanone	7.167	43	105705	29.060	ug/L	95
23) Bromochloromethane	7.514	128	59918	14.892	ug/L	93
25) Chloroform	7.679	83	235696	13.679	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	174541	14.520	ug/L	100
29) Cyclohexane	7.953	56	162992	10.882	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	183595	14.524	ug/L	98
31) Carbon tetrachloride	8.069	117	164542	14.236	ug/L	96
33) Benzene	8.325	78	519778	14.736	ug/L	100
34) Trichloroethene	9.087	95	125023	13.917	ug/L	94
35) Methylcyclohexane	9.337	83	141079	9.180	ug/L	99
37) 1,2-Dichloropropane	9.368	63	137016	14.182	ug/L	98
38) Bromodichloromethane	9.642	83	167040	14.738	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	216421	15.571	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	217442	34.600	ug/L	97
42) Toluene	10.386	91	524979	14.713	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	191400	15.999	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	105319	15.939	ug/L	96
46) Tetrachloroethene	10.861	164	318868	48.858	ug/L	95
48) 2-Hexanone	10.965	43	154086	36.033	ug/L	97
49) Dibromochloromethane	11.129	129	109598	15.859	ug/L	90
50) 1,2-Dibromoethane	11.233	107	99181	15.998	ug/L	94
51) Chlorobenzene	11.654	112	314104	13.936	ug/L	99
52) Ethylbenzene	11.727	91	529841	13.242	ug/L	97
53) m,p-Xylene	11.837	106	198485	13.390	ug/L	97
54) o-Xylene	12.166	106	187121	13.526	ug/L	91
55) Styrene	12.178	104	354334	14.730	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	138976	16.608	ug/L	97
59) Bromoform	12.349	173	67796	17.897	ug/L	97
60) Isopropylbenzene	12.465	105	469737	13.065	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	104725	17.853	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	356086	12.530	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	360059	12.930	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	215092	13.756	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	219871	13.474	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	204794	14.403	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	24332	17.206	ug/L	89
69) 1,3,5-Trichlorobenzene	14.629	180	103268	9.776	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	93448	10.433	ug/L	97
71) Naphthalene	15.360	128	248376	14.538	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92446	11.443	ug/L	98

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

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