

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026802.D
 Acq On : 22 Aug 2023 15:49
 Operator : SY/MD
 Sample : 04108-04MSD
 Misc : 5.05g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHN5MSD

Quant Time: Aug 23 01:31:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	531007	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	456834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	182434	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	195482	22.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
7) Chloroethane-d5	2.893	69	154728m	23.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.360%
11) 1,1-Dichloroethene-d2	4.027	65	101752	23.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.800%
21) 2-Butanone-d5	7.075	46	166942	66.539	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.080%
24) Chloroform-d	7.648	84	476921	26.760	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.040%
26) 1,2-Dichloroethane-d4	8.307	65	287334	29.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.840%
32) Benzene-d6	8.270	84	942773	29.944	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.760%
36) 1,2-Dichloropropane-d6	9.270	67	290026	29.573	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.280%
41) Toluene-d8	10.325	98	768726	28.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.760%
43) trans-1,3-Dichloroprop...	10.575	79	130800	32.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	129.200%
47) 2-Hexanone-d5	10.922	63	94604	91.803	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	183.600%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	271894	35.106	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.440%#
66) 1,2-Dichlorobenzene-d4	13.848	152	177028	27.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	150944m	20.907	ug/L	
3) Chloromethane	2.235	50	167544	16.971	ug/L	99
5) Vinyl chloride	2.375	62	166621	17.655	ug/L	99
6) Bromomethane	2.783	94	108686	19.767	ug/L	99
8) Chloroethane	2.930	64	102701	18.162	ug/L	99
9) Trichlorofluoromethane	3.259	101	141212	18.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	129380	15.465	ug/L	97
12) 1,1-Dichloroethene	4.051	96	163299	20.806	ug/L	89
13) Acetone	4.118	43	99709	39.970	ug/L	96
14) Carbon disulfide	4.399	76	511682	18.121	ug/L	99
15) Methyl Acetate	4.667	43	128480	25.711	ug/L	95
16) Methylene chloride	4.929	84	209681	20.413	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	186948	21.345	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	346048	26.113	ug/L	97
19) 1,1-Dichloroethane	6.216	63	382175	21.201	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	209350	22.238	ug/L	96
22) 2-Butanone	7.167	43	187901	51.111	ug/L	97
23) Bromochloromethane	7.514	128	95990	23.605	ug/L	90
25) Chloroform	7.679	83	376278	21.607	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	288558	23.752	ug/L	99
29) Cyclohexane	7.959	56	181517	12.848	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	279526	23.445	ug/L	98
31) Carbon tetrachloride	8.063	117	233328	21.404	ug/L	94
33) Benzene	8.325	78	803349	24.148	ug/L	100
34) Trichloroethene	9.093	95	192262	22.691	ug/L	99
35) Methylcyclohexane	9.337	83	122128	8.426	ug/L	97
37) 1,2-Dichloropropane	9.368	63	216675	23.778	ug/L	98
38) Bromodichloromethane	9.642	83	268412	25.109	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	346798	26.455	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	396137	66.832	ug/L	97
42) Toluene	10.386	91	756963	22.493	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	315028	27.920	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	175683	28.190	ug/L	95
46) Tetrachloroethene	10.861	164	903672	146.805	ug/L	95
48) 2-Hexanone	10.965	43	280698	69.596	ug/L	96
49) Dibromochloromethane	11.129	129	179050	27.470	ug/L	87
50) 1,2-Dibromoethane	11.233	107	163704	27.996	ug/L	98
51) Chlorobenzene	11.654	112	457032	21.499	ug/L	98
52) Ethylbenzene	11.727	91	702507	18.615	ug/L	97
53) m,p-Xylene	11.837	106	257071	18.387	ug/L	93
54) o-Xylene	12.166	106	250948	19.232	ug/L	96
55) Styrene	12.178	104	490203	21.606	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	229846	29.122	ug/L	98
59) Bromoform	12.349	173	110849	38.788	ug/L	98
60) Isopropylbenzene	12.458	105	515373	19.001	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	176786	39.949	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	356598	16.633	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	376420	17.918	ug/L	98
64) 1,3-Dichlorobenzene	13.501	146	232861	19.741	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	250272	20.330	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	233475	21.766	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	39272	36.812	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	81808	10.265	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	73772	10.918	ug/L	98
71) Naphthalene	15.360	128	300941	23.349	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71310	11.701	ug/L	97

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

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