

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082323\
 Data File : VW026813.D
 Acq On : 23 Aug 2023 13:42
 Operator : SY/MD
 Sample : 04108-03MSRE
 Misc : 5.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHN5MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 24 01:42:51 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	450378	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	439867	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	227312	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162782	21.986	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.960%		
7) Chloroethane-d5	2.893	69	127810	23.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.880%		
11) 1,1-Dichloroethene-d2	4.027	65	86922	23.871	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.480%		
21) 2-Butanone-d5	7.075	46	123158	57.876	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.760%		
24) Chloroform-d	7.648	84	400376	26.487	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	105.960%		
26) 1,2-Dichloroethane-d4	8.306	65	234340	28.092	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	112.360%		
32) Benzene-d6	8.276	84	804124	26.525	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	106.120%		
36) 1,2-Dichloropropane-d6	9.276	67	247350	26.194	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	104.760%		
41) Toluene-d8	10.324	98	715987	27.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	110.040%		
43) trans-1,3-Dichloroprop...	10.574	79	108189	27.749	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	111.000%		
47) 2-Hexanone-d5	10.922	63	68053	68.586	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.180%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	233094	31.257	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	125.040%#		
66) 1,2-Dichlorobenzene-d4	13.854	152	219513	26.980	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	141563m	23.118	ug/L	
3) Chloromethane	2.228	50	129107	15.419	ug/L	98
5) Vinyl chloride	2.375	62	144776	18.087	ug/L	100
6) Bromomethane	2.789	94	86027	18.447	ug/L	99
8) Chloroethane	2.929	64	84880	17.697	ug/L	97
9) Trichlorofluoromethane	3.265	101	128245	19.523	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	140304	19.773	ug/L	95
12) 1,1-Dichloroethene	4.045	96	140080	21.043	ug/L	86
13) Acetone	4.124	43	79924	37.774	ug/L	97
14) Carbon disulfide	4.393	76	426642	17.815	ug/L	98
15) Methyl Acetate	4.673	43	95827	22.610	ug/L	95
16) Methylene chloride	4.923	84	192141	22.054	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	152797	20.569	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	265609	23.631	ug/L	99
19) 1,1-Dichloroethane	6.215	63	315613	20.643	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	172658	21.624	ug/L	97
22) 2-Butanone	7.166	43	135442	43.437	ug/L	96
23) Bromochloromethane	7.520	128	78321	22.708	ug/L #	85
25) Chloroform	7.679	83	317488	21.495	ug/L	99

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27) 1,2-Dichloroethane	8.398	62	231274	22.445	ug/L	100
29) Cyclohexane	7.959	56	229497	16.871	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	254875	22.202	ug/L	98
31) Carbon tetrachloride	8.075	117	230888	21.997	ug/L	94
33) Benzene	8.325	78	686766	21.440	ug/L	100
34) Trichloroethene	9.093	95	174888	21.437	ug/L	97
35) Methylcyclohexane	9.337	83	190039	13.616	ug/L	98
37) 1,2-Dichloropropane	9.367	63	187483	21.368	ug/L	98
38) Bromodichloromethane	9.642	83	233288	22.665	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	290146	22.987	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	289589	50.741	ug/L	97
42) Toluene	10.385	91	722955	22.311	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	256073	23.570	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	143162	23.858	ug/L	98
46) Tetrachloroethene	10.861	164	179443	30.276	ug/L	99
48) 2-Hexanone	10.965	43	198529	51.122	ug/L	95
49) Dibromochloromethane	11.129	129	151997	24.219	ug/L	99
50) 1,2-Dibromoethane	11.233	107	137176	24.364	ug/L	95
51) Chlorobenzene	11.660	112	438405	21.419	ug/L	97
52) Ethylbenzene	11.727	91	770772	21.211	ug/L	98
53) m,p-Xylene	11.836	106	291352	21.643	ug/L	97
54) o-Xylene	12.166	106	273995	21.808	ug/L	98
55) Styrene	12.178	104	509995	23.346	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	189743	24.968	ug/L	100
59) Bromoform	12.348	173	92453	25.964	ug/L	96
60) Isopropylbenzene	12.464	105	699549	20.699	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	142957	25.927	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	529052	19.805	ug/L	99
63) 1,2,4-Trimethylbenzene	13.251	105	539450	20.608	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	305570	20.790	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	315863	20.593	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	292398	21.877	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	33325	25.070	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	145116	14.614	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	129029	15.326	ug/L	97
71) Naphthalene	15.360	128	354879	22.098	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	126336	16.637	ug/L	98

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

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