

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120823\
 Data File : VW027583.D
 Acq On : 08 Dec 2023 15:22
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

Quant Time: Dec 09 02:02:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 09 02:01:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	221683	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189488	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	94099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	93100	20.870	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.480%		
7) Chloroethane-d5	2.899	69	72346	22.371	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.480%		
11) 1,1-Dichloroethene-d2	4.021	65	40621	21.519	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.080%		
21) 2-Butanone-d5	7.081	46	42982	36.769	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.540%		
24) Chloroform-d	7.648	84	151331	22.870	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.480%		
26) 1,2-Dichloroethane-d4	8.306	65	70038	20.698	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.800%		
32) Benzene-d6	8.276	84	309474	23.189	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.760%		
36) 1,2-Dichloropropane-d6	9.270	67	89390	22.720	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.880%		
41) Toluene-d8	10.318	98	272544	23.340	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	93.360%		
43) trans-1,3-Dichloroprop...	10.574	79	31371	20.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.480%		
47) 2-Hexanone-d5	10.922	63	27506	37.522	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.040%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64056	19.794	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.160%		
66) 1,2-Dichlorobenzene-d4	13.854	152	70516	21.378	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	68935	23.224	ug/L	96
3) Chloromethane	2.222	50	83104	22.860	ug/L	98
5) Vinyl chloride	2.374	62	101735	23.991	ug/L	98
6) Bromomethane	2.795	94	52737	23.698	ug/L	96
8) Chloroethane	2.935	64	57626	23.793	ug/L	95
9) Trichlorofluoromethane	3.271	101	97226	23.940	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.081	101	85915	24.808	ug/L	97
12) 1,1-Dichloroethene	4.051	96	77343	24.460	ug/L #	82
13) Acetone	4.118	43	40905	36.299	ug/L	100
14) Carbon disulfide	4.392	76	210260	22.004	ug/L	99
15) Methyl Acetate	4.667	43	32607	16.556	ug/L	100
16) Methylene chloride	4.917	84	78900	21.826	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	77492	23.768	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	111624	21.225	ug/L	99
19) 1,1-Dichloroethane	6.221	63	160734	24.242	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	82312	23.508	ug/L	94
22) 2-Butanone	7.166	43	47482	32.660	ug/L	97
23) Bromochloromethane	7.514	128	30985	22.499	ug/L	92
25) Chloroform	7.678	83	150404	24.982	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86066	22.119	ug/L	98
29) Cyclohexane	7.959	56	155861	25.019	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	139568	26.404	ug/L	100
31) Carbon tetrachloride	8.069	117	116588	25.288	ug/L	99
33) Benzene	8.325	78	332056	25.390	ug/L	100
34) Trichloroethene	9.087	95	88402	24.747	ug/L	97
35) Methylcyclohexane	9.337	83	162443	25.538	ug/L	99
37) 1,2-Dichloropropane	9.367	63	84499	24.471	ug/L	99
38) Bromodichloromethane	9.641	83	98616	24.704	ug/L	95
39) cis-1,3-Dichloropropene	10.074	75	118040	23.681	ug/L	95
40) 4-Methyl-2-pentanone	10.208	43	90501	38.774	ug/L	100
42) Toluene	10.385	91	349909	25.296	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	91979	22.874	ug/L	96
45) 1,1,2-Trichloroethane	10.781	97	52300	21.749	ug/L	98
46) Tetrachloroethene	10.861	164	65104	25.564	ug/L	94
48) 2-Hexanone	10.964	43	62843	38.204	ug/L	99
49) Dibromochloromethane	11.129	129	55902	23.517	ug/L	100
50) 1,2-Dibromoethane	11.233	107	47774	21.715	ug/L	97
51) Chlorobenzene	11.653	112	207931	24.917	ug/L	98
52) Ethylbenzene	11.726	91	410492	26.125	ug/L	98
53) m,p-Xylene	11.836	106	146516	25.306	ug/L	98
54) o-Xylene	12.165	106	134596	25.578	ug/L	96
55) Styrene	12.178	104	226598	25.229	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.714	83	65212	20.830	ug/L	99
59) Bromoform	12.348	173	28522	21.642	ug/L	100
60) Isopropylbenzene	12.458	105	418779	26.954	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47220	20.805	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	298994	26.019	ug/L	99
63) 1,2,4-Trimethylbenzene	13.244	105	304160	26.577	ug/L	96
64) 1,3-Dichlorobenzene	13.494	146	149002	25.037	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	151420	25.509	ug/L	97
67) 1,2-Dichlorobenzene	13.866	146	129207	24.099	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	10350	18.959	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.622	180	99028	24.746	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	77553	24.956	ug/L	94
71) Naphthalene	15.360	128	139453	21.335	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	62120	23.335	ug/L	96

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

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