

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082823\
 Data File : VW026928.D
 Acq On : 28 Aug 2023 09:02
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Aug 28 14:12:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 26 05:14:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	335786	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	327172	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	183942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	117546	21.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.160%
7) Chloroethane-d5	2.893	69	96417	23.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	4.021	65	64121	23.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.480%
21) 2-Butanone-d5	7.075	46	82341	51.900	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.800%
24) Chloroform-d	7.648	84	311302	27.622	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.480%
26) 1,2-Dichloroethane-d4	8.307	65	183503	29.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.040%
32) Benzene-d6	8.276	84	566921	25.142	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.560%
36) 1,2-Dichloropropane-d6	9.276	67	180494	25.698	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.800%
41) Toluene-d8	10.319	98	498710	25.765	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.080%
43) trans-1,3-Dichloroprop...	10.575	79	74888	25.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.280%
47) 2-Hexanone-d5	10.922	63	41455	56.170	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146021	26.325	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	167087	25.379	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	119213	26.112	ug/L	97
3) Chloromethane	2.222	50	139244	22.305	ug/L	99
5) Vinyl chloride	2.369	62	143754	24.088	ug/L	98
6) Bromomethane	2.783	94	78723	22.641	ug/L	97
8) Chloroethane	2.930	64	85529	23.918	ug/L	97
9) Trichlorofluoromethane	3.259	101	123739	25.265	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	135736	25.657	ug/L	95
12) 1,1-Dichloroethene	4.045	96	124559	25.097	ug/L	97
13) Acetone	4.118	43	93624	59.350	ug/L	99
14) Carbon disulfide	4.393	76	369774	20.709	ug/L	100
15) Methyl Acetate	4.667	43	82005	25.952	ug/L	98
16) Methylene chloride	4.923	84	142659	21.963	ug/L	90
17) trans-1,2-Dichloroethene	5.423	96	139852	25.251	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	249587	29.783	ug/L	97
19) 1,1-Dichloroethane	6.216	63	311908	27.363	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	154124	25.890	ug/L	95
22) 2-Butanone	7.167	43	119928	51.588	ug/L	98
23) Bromochloromethane	7.514	128	64293	25.002	ug/L	90
25) Chloroform	7.673	83	305673	27.757	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	224982	29.285	ug/L	95
29) Cyclohexane	7.953	56	264325	26.125	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	252017	29.515	ug/L	98
31) Carbon tetrachloride	8.069	117	230681	29.547	ug/L	95
33) Benzene	8.319	78	634366	26.625	ug/L	100
34) Trichloroethene	9.093	95	161197	26.565	ug/L	92
35) Methylcyclohexane	9.331	83	272438	26.244	ug/L	99
37) 1,2-Dichloropropane	9.368	63	174421	26.727	ug/L	100
38) Bromodichloromethane	9.642	83	216588	28.291	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	269211	28.675	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	239414	56.399	ug/L	98
42) Toluene	10.386	91	665752	27.623	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	237347	29.372	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	118648	26.584	ug/L	96
46) Tetrachloroethene	10.861	164	118255	26.825	ug/L	96
48) 2-Hexanone	10.965	43	178245	61.709	ug/L	97
49) Dibromochloromethane	11.123	129	129208	27.679	ug/L	93
50) 1,2-Dibromoethane	11.233	107	104457	24.943	ug/L #	96
51) Chlorobenzene	11.654	112	410948	26.993	ug/L	98
52) Ethylbenzene	11.727	91	770172	28.496	ug/L	98
53) m,p-Xylene	11.837	106	288603	28.823	ug/L	93
54) o-Xylene	12.166	106	274993	29.427	ug/L	93
55) Styrene	12.178	104	486805	29.960	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	147598	26.112	ug/L	99
59) Bromoform	12.349	173	75179	26.091	ug/L	97
60) Isopropylbenzene	12.458	105	776691	28.401	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	111087	24.897	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	638915	29.558	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	631312	29.804	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	321369	27.020	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	316800	25.523	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	283855	26.245	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	27171	25.260	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	214429	26.686	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	187983	27.593	ug/L	98
71) Naphthalene	15.360	128	356080	27.400	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	161614	26.301	ug/L	98

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

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