

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082223\
 Data File : VW026806.D
 Acq On : 22 Aug 2023 17:29
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025590

Quant Time: Aug 23 01:32:23 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	414529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	417962	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	235472	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	150952	22.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
7) Chloroethane-d5	2.893	69	119691	23.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.480%
11) 1,1-Dichloroethene-d2	4.021	65	80558	24.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.160%
21) 2-Butanone-d5	7.075	46	93723	47.852	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.700%
24) Chloroform-d	7.648	84	389760	28.015	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.040%
26) 1,2-Dichloroethane-d4	8.301	65	220138	28.672	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.680%
32) Benzene-d6	8.276	84	782771	27.174	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.680%
36) 1,2-Dichloropropane-d6	9.270	67	235520	26.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.000%
41) Toluene-d8	10.319	98	717374	29.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.040%
43) trans-1,3-Dichloroprop...	10.575	79	96774	26.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.480%
47) 2-Hexanone-d5	10.922	63	52730	55.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	203600	28.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.920%
66) 1,2-Dichlorobenzene-d4	13.849	152	235085	27.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	153472	27.231	ug/L	99
3) Chloromethane	2.223	50	158487	20.565	ug/L	99
5) Vinyl chloride	2.375	62	162013	21.991	ug/L	98
6) Bromomethane	2.783	94	102184	23.806	ug/L	97
8) Chloroethane	2.930	64	97257	22.032	ug/L	93
9) Trichlorofluoromethane	3.265	101	123639	20.449	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	166035	25.423	ug/L	99
12) 1,1-Dichloroethene	4.052	96	155022	25.301	ug/L	98
13) Acetone	4.119	43	69904	35.896	ug/L	98
14) Carbon disulfide	4.393	76	504913	22.906	ug/L	98
15) Methyl Acetate	4.667	43	98946	25.365	ug/L	97
16) Methylene chloride	4.923	84	192866	24.052	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	179087	26.193	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	297205	28.729	ug/L	97
19) 1,1-Dichloroethane	6.216	63	368957	26.220	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	202245	27.520	ug/L	96
22) 2-Butanone	7.167	43	123755	43.122	ug/L	96
23) Bromochloromethane	7.508	128	91197	28.728	ug/L	94
25) Chloroform	7.673	83	366669	26.971	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	264194	27.857	ug/L	100
29) Cyclohexane	7.959	56	309806	23.969	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	283352	25.976	ug/L	99
31) Carbon tetrachloride	8.069	117	262632	26.333	ug/L	95
33) Benzene	8.319	78	817790	26.868	ug/L	100
34) Trichloroethene	9.087	95	200712	25.892	ug/L	99
35) Methylcyclohexane	9.331	83	325887	24.574	ug/L	98
37) 1,2-Dichloropropane	9.368	63	220948	26.502	ug/L	98
38) Bromodichloromethane	9.642	83	266766	27.276	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	323715	26.991	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	284456	52.454	ug/L	97
42) Toluene	10.386	91	860612	27.951	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	282212	27.338	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	158020	27.714	ug/L	99
46) Tetrachloroethene	10.861	164	149326	26.515	ug/L	98
48) 2-Hexanone	10.965	43	192663	52.212	ug/L	98
49) Dibromochloromethane	11.123	129	171436	28.748	ug/L	95
50) 1,2-Dibromoethane	11.233	107	146705	27.422	ug/L	97
51) Chlorobenzene	11.654	112	526909	27.092	ug/L	96
52) Ethylbenzene	11.727	91	966422	27.989	ug/L	95
53) m,p-Xylene	11.837	106	363981	28.455	ug/L	94
54) o-Xylene	12.160	106	346198	28.999	ug/L	90
55) Styrene	12.178	104	631009	30.399	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.709	83	203795	28.222	ug/L	93
59) Bromoform	12.349	173	100339	27.202	ug/L	96
60) Isopropylbenzene	12.459	105	987326	28.202	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	150127	26.284	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	795575	28.751	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	811061	29.911	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	424570	27.886	ug/L	87
65) 1,4-Dichlorobenzene	13.574	146	437132	27.511	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	388069	28.029	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	35229	25.584	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	270316	26.279	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	238001	27.290	ug/L	95
71) Naphthalene	15.360	128	476517	28.644	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	228025	28.988	ug/L	99

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

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