

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027429.D
 Acq On : 24 Oct 2023 20:56
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025535

Quant Time: Oct 25 02:48:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	395898	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	379252	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186111	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	115407	19.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.400%
7) Chloroethane-d5	2.899	69	98798	22.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
11) 1,1-Dichloroethene-d2	4.027	65	60969	20.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.560%
21) 2-Butanone-d5	7.081	46	101736	50.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.320%
24) Chloroform-d	7.648	84	293033	24.834	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.320%
26) 1,2-Dichloroethane-d4	8.307	65	158486	25.004	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.276	84	566642	22.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.320%
36) 1,2-Dichloropropane-d6	9.270	67	184431	23.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	10.325	98	494162	21.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.960%
43) trans-1,3-Dichloroprop...	10.575	79	71579	20.031	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.120%
47) 2-Hexanone-d5	10.922	63	78471	48.394	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	148993	25.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	159264	23.615	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	99353	21.092	ug/L	# 87
3) Chloromethane	2.229	50	135310	24.995	ug/L	97
5) Vinyl chloride	2.375	62	141671	23.429	ug/L	92
6) Bromomethane	2.789	94	83965	24.379	ug/L	97
8) Chloroethane	2.936	64	89212	25.630	ug/L	99
9) Trichlorofluoromethane	3.271	101	112467	26.363	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	125598	23.512	ug/L	97
12) 1,1-Dichloroethene	4.045	96	120373	23.187	ug/L	92
13) Acetone	4.131	43	75794	43.697	ug/L	98
14) Carbon disulfide	4.393	76	325265	20.211	ug/L	98
15) Methyl Acetate	4.673	43	78847	26.615	ug/L	99
16) Methylene chloride	4.917	84	148179	20.447	ug/L	91
17) trans-1,2-Dichloroethene	5.435	96	132886	23.818	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	260861	27.100	ug/L	100
19) 1,1-Dichloroethane	6.222	63	299686	26.327	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	161585	25.646	ug/L	96
22) 2-Butanone	7.173	43	106964	41.200	ug/L	99
23) Bromochloromethane	7.514	128	65627	25.229	ug/L	93
25) Chloroform	7.679	83	288360	27.066	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	199153	27.518	ug/L	97
29) Cyclohexane	7.959	56	242772	21.083	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	221780	23.973	ug/L	98
31) Carbon tetrachloride	8.075	117	183997	22.057	ug/L	100
33) Benzene	8.325	78	609183	24.578	ug/L	100
34) Trichloroethene	9.093	95	157708	24.088	ug/L	98
35) Methylcyclohexane	9.337	83	245763	20.991	ug/L	99
37) 1,2-Dichloropropane	9.368	63	173388	25.872	ug/L	99
38) Bromodichloromethane	9.648	83	204298	24.792	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	255329	23.064	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	240404	52.161	ug/L	98
42) Toluene	10.386	91	637090	24.503	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	214264	22.938	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	120651	26.162	ug/L	96
46) Tetrachloroethene	10.861	164	105608	23.361	ug/L	92
48) 2-Hexanone	10.965	43	163328	47.880	ug/L	99
49) Dibromochloromethane	11.129	129	118706	23.178	ug/L	93
50) 1,2-Dibromoethane	11.233	107	109967	24.594	ug/L	98
51) Chlorobenzene	11.654	112	404993	24.874	ug/L	98
52) Ethylbenzene	11.727	91	744529	24.642	ug/L	97
53) m,p-Xylene	11.837	106	271576	23.698	ug/L	92
54) o-Xylene	12.166	106	268637	24.479	ug/L	92
55) Styrene	12.178	104	465095	24.815	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	146335	25.993	ug/L	99
59) Bromoform	12.343	173	63945	23.090	ug/L	99
60) Isopropylbenzene	12.458	105	726043	24.833	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	109070	26.840	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	600973	24.642	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	593054	24.854	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	302476	25.512	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	293973	24.829	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	269174	25.585	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	23604	23.241	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	189262	24.591	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	157173	23.993	ug/L	100
71) Naphthalene	15.360	128	343253	25.480	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	135828	25.216	ug/L	96

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

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