

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102523\
 Data File : VW027439.D
 Acq On : 25 Oct 2023 15:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025537

Quant Time: Oct 26 00:50:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 26 00:48:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	422055	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	375234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	188417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	124599	19.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
7) Chloroethane-d5	2.899	69	104444	22.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.320%
11) 1,1-Dichloroethene-d2	4.021	65	64127	19.869	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.480%
21) 2-Butanone-d5	7.075	46	96562	45.103	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.200%
24) Chloroform-d	7.648	84	299883	23.839	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.360%
26) 1,2-Dichloroethane-d4	8.307	65	156464	23.155	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	8.276	84	565536	22.276	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.120%
36) 1,2-Dichloropropane-d6	9.276	67	181076	23.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	10.318	98	489665	21.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.080%
43) trans-1,3-Dichloroprop...	10.575	79	68888	19.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.920%
47) 2-Hexanone-d5	10.922	63	69177	43.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.240%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	137955	23.846	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	149051	21.830	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	120002	23.897	ug/L	# 88
3) Chloromethane	2.228	50	150433	26.067	ug/L	100
5) Vinyl chloride	2.375	62	167671	26.010	ug/L	98
6) Bromomethane	2.789	94	94496	25.736	ug/L	95
8) Chloroethane	2.936	64	102260	27.558	ug/L	97
9) Trichlorofluoromethane	3.271	101	135235	29.736	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	147375	25.878	ug/L	99
12) 1,1-Dichloroethene	4.045	96	141516	25.570	ug/L	87
13) Acetone	4.124	43	93605	50.621	ug/L	97
14) Carbon disulfide	4.393	76	370428	21.590	ug/L	99
15) Methyl Acetate	4.667	43	78660	24.906	ug/L	99
16) Methylene chloride	4.917	84	187027	24.209	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	149803	25.186	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	258846	25.224	ug/L	99
19) 1,1-Dichloroethane	6.216	63	331195	27.292	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	177190	26.379	ug/L	97
22) 2-Butanone	7.167	43	115449	41.712	ug/L	99
23) Bromochloromethane	7.514	128	70703	25.495	ug/L	88
25) Chloroform	7.679	83	312184	27.486	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	209582	27.165	ug/L	99
29) Cyclohexane	7.959	56	279866	24.565	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	249870	27.299	ug/L	98
31) Carbon tetrachloride	8.069	117	212017	25.689	ug/L	100
33) Benzene	8.325	78	668184	27.247	ug/L	100
34) Trichloroethene	9.093	95	173886	26.844	ug/L	99
35) Methylcyclohexane	9.331	83	286181	24.705	ug/L	99
37) 1,2-Dichloropropane	9.367	63	185085	27.913	ug/L	99
38) Bromodichloromethane	9.642	83	215907	26.481	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	277311	25.318	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	221556	48.587	ug/L	99
42) Toluene	10.386	91	701900	27.284	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	226012	24.455	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	125152	27.429	ug/L	97
46) Tetrachloroethene	10.861	164	111194	24.860	ug/L	92
48) 2-Hexanone	10.965	43	157538	46.677	ug/L	99
49) Dibromochloromethane	11.129	129	127341	25.130	ug/L	97
50) 1,2-Dibromoethane	11.233	107	111241	25.146	ug/L	99
51) Chlorobenzene	11.654	112	443154	27.509	ug/L	98
52) Ethylbenzene	11.727	91	815502	27.279	ug/L	95
53) m,p-Xylene	11.836	106	301588	26.598	ug/L	98
54) o-Xylene	12.166	106	285780	26.320	ug/L	98
55) Styrene	12.178	104	491497	26.505	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	143899	25.834	ug/L	96
59) Bromoform	12.349	173	65648	23.415	ug/L	96
60) Isopropylbenzene	12.458	105	796168	26.898	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	106855	25.973	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	663799	26.885	ug/L	100
63) 1,2,4-Trimethylbenzene	13.251	105	654414	27.090	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	328462	27.365	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	326567	27.244	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	281114	26.393	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	22059	21.454	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	210501	27.015	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	168693	25.436	ug/L	99
71) Naphthalene	15.360	128	320855	23.526	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	140540	25.771	ug/L	95

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

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