

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040323\
 Data File : VW025559.D
 Acq On : 03 Apr 2023 16:39
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Apr 04 03:12:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:04:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	735251	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	654451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	319065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	265166	22.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
7) Chloroethane-d5	2.893	69	200088	23.489	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	4.027	63	565147	23.357	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.440%
21) 2-Butanone-d5	7.075	46	161687	60.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.160%
24) Chloroform-d	7.648	84	517785	25.082	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.320%
26) 1,2-Dichloroethane-d4	8.301	65	282213	26.277	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.120%
32) Benzene-d6	8.270	84	1083974	25.580	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.320%
36) 1,2-Dichloropropane-d6	9.270	67	330398	25.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.325	98	944504	25.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.080%
43) trans-1,3-Dichloroprop...	10.575	79	131249	26.494	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.960%
47) 2-Hexanone-d5	10.922	63	114788	63.558	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	254773	28.568	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.280%
66) 1,2-Dichlorobenzene-d4	13.849	152	283483	25.862	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	245283	23.856	ug/L	97
3) Chloromethane	2.229	50	328469	27.536	ug/L	100
5) Vinyl chloride	2.375	62	328844	24.937	ug/L	95
6) Bromomethane	2.790	94	182509	25.729	ug/L	98
8) Chloroethane	2.930	64	192725	26.095	ug/L	97
9) Trichlorofluoromethane	3.265	101	225744	22.221	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	267754	26.264	ug/L	96
12) 1,1-Dichloroethene	4.045	96	257014	25.187	ug/L	94
13) Acetone	4.119	43	117993	52.232	ug/L	96
14) Carbon disulfide	4.393	76	916284	25.451	ug/L	100
15) Methyl Acetate	4.667	43	157810	31.094	ug/L	98
16) Methylene chloride	4.917	84	293694	25.130	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	290969	26.820	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	426413	28.481	ug/L	99
19) 1,1-Dichloroethane	6.216	63	587297	27.095	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	305975	27.107	ug/L	# 99
22) 2-Butanone	7.167	43	203503	63.369	ug/L	99
23) Bromochloromethane	7.514	128	129477	27.971	ug/L	94
25) Chloroform	7.679	83	539682	27.227	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	375451	28.227	ug/L	98
29) Cyclohexane	7.953	56	569425	26.882	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	416961	25.641	ug/L	99
31) Carbon tetrachloride	8.069	117	379673	25.854	ug/L	99
33) Benzene	8.325	78	1235388	27.120	ug/L	100
34) Trichloroethene	9.093	95	306375	25.857	ug/L	95
35) Methylcyclohexane	9.337	83	564670	26.392	ug/L	99
37) 1,2-Dichloropropane	9.368	63	332849	27.667	ug/L	99
38) Bromodichloromethane	9.642	83	379220	27.550	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	480908	27.868	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	435214	63.913	ug/L	99
42) Toluene	10.386	91	1278771	27.569	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	401270	28.199	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	220643	28.764	ug/L	97
46) Tetrachloroethene	10.861	164	216266	25.952	ug/L	92
48) 2-Hexanone	10.965	43	306034	65.046	ug/L	98
49) Dibromochloromethane	11.130	129	229799	28.453	ug/L	98
50) 1,2-Dibromoethane	11.233	107	203687	28.900	ug/L	95
51) Chlorobenzene	11.654	112	752754	26.336	ug/L	95
52) Ethylbenzene	11.727	91	1419396	27.041	ug/L	98
53) m,p-Xylene	11.837	106	529028	27.483	ug/L	96
54) o-Xylene	12.160	106	502094	27.882	ug/L	99
55) Styrene	12.178	104	863880	28.501	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	272354	29.642	ug/L	99
59) Bromoform	12.349	173	127798	29.230	ug/L	94
60) Isopropylbenzene	12.459	105	1383232	27.675	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	198461	30.012	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1119028	28.362	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1073962	28.269	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	565550	27.305	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	569256	26.912	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	491940	27.092	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	42636	29.391	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	355616	25.644	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	303399	26.933	ug/L	97
71) Naphthalene	15.360	128	668354	31.797	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	275578	27.980	ug/L	95

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

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