

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042822\
 Data File : VW022685.D
 Acq On : 29 Apr 2022 01:11
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025505

Quant Time: Apr 29 02:22:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 02:06:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	268233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	264298	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	153464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	119640	20.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.720%
7) Chloroethane-d5	2.885	69	88015	23.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	4.019	63	179066	23.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	7.074	46	58239	56.255	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.520%
24) Chloroform-d	7.647	84	228947	27.307	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.305	65	121387	25.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.360%
32) Benzene-d6	8.275	84	429297	26.586	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.360%
36) 1,2-Dichloropropane-d6	9.274	67	123297	26.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.560%
41) Toluene-d8	10.323	98	412448	26.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.320%
43) trans-1,3-Dichloroprop...	10.579	79	51031	23.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.560%
47) 2-Hexanone-d5	10.921	63	49404	56.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	116487	29.317	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	137241	25.248	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	27097	20.608	ug/L	99
3) Chloromethane	2.215	50	70648	21.550	ug/L	97
5) Vinyl chloride	2.361	62	152256	22.258	ug/L	98
6) Bromomethane	2.776	94	89363	21.490	ug/L	99
8) Chloroethane	2.916	64	73034	24.387	ug/L	95
9) Trichlorofluoromethane	3.257	101	73044	28.923	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	109464	27.220	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	95066	26.322	ug/L	86
13) Acetone	4.123	43	37975	53.875	ug/L	93
14) Carbon disulfide	4.385	76	228011	19.191	ug/L	97
15) Methyl Acetate	4.672	43	46370	26.215	ug/L	94
16) Methylene chloride	4.916	84	119441	29.593	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	106397	25.148	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	185975	26.915	ug/L	96
19) 1,1-Dichloroethane	6.214	63	201404	26.090	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	130010	29.095	ug/L #	82
22) 2-Butanone	7.171	43	61013	57.311	ug/L	94
23) Bromochloromethane	7.519	128	56300	29.276	ug/L	90
25) Chloroform	7.677	83	227028	27.922	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	147720	25.849	ug/L	96
29) Cyclohexane	7.958	56	160525	21.221	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	189707	25.876	ug/L	97
31) Carbon tetrachloride	8.067	117	170705	25.942	ug/L	98
33) Benzene	8.323	78	473911	26.410	ug/L	100
34) Trichloroethene	9.092	95	126298	26.287	ug/L	96
35) Methylcyclohexane	9.335	83	197739	22.939	ug/L	95
37) 1,2-Dichloropropane	9.372	63	114842	26.715	ug/L	99
38) Bromodichloromethane	9.640	83	165646	26.795	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	179131	26.260	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	145622	55.508	ug/L	94
42) Toluene	10.384	91	529778	25.765	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	158441	25.940	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	96004	29.262	ug/L	99
46) Tetrachloroethene	10.860	164	92183	26.101	ug/L	91
48) 2-Hexanone	10.969	43	98822	53.394	ug/L	95
49) Dibromochloromethane	11.128	129	116629	29.807	ug/L	100
50) 1,2-Dibromoethane	11.231	107	95482	29.473	ug/L	93
51) Chlorobenzene	11.652	112	354790	28.236	ug/L	96
52) Ethylbenzene	11.731	91	616193	26.736	ug/L	96
53) m,p-Xylene	11.835	106	242500	27.672	ug/L	87
54) o-Xylene	12.164	106	235555	28.128	ug/L	93
55) Styrene	12.176	104	404531	28.274	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	120242	29.860	ug/L	99
59) Bromoform	12.347	173	62567	27.437	ug/L	99
60) Isopropylbenzene	12.463	105	642181	25.191	ug/L	98
61) 1,2,3-Trichloropropane	12.762	75	86636	26.539	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	342921	24.460	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	537997	25.235	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	266725	25.780	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	276272	26.775	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	249011	26.912	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19074	25.193	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	172632	25.574	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	135458	23.893	ug/L	95
71) Naphthalene	15.365	128	312639	26.146	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	121263	25.024	ug/L	98

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

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