

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060722\
 Data File : VW023407.D
 Acq On : 07 Jun 2022 09:00
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Jun 08 01:17:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 07 01:56:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	387018	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	369665	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	197049	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137299	22.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.680%
7) Chloroethane-d5	2.892	69	100087	23.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.880%
11) 1,1-Dichloroethene-d2	4.025	63	216530	24.069	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.280%
21) 2-Butanone-d5	7.080	46	56834	49.192	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.380%
24) Chloroform-d	7.647	84	247598	23.726	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	8.305	65	131567	24.000	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	8.275	84	472867	23.044	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.160%
36) 1,2-Dichloropropane-d6	9.275	67	137051	23.829	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	10.323	98	459671	23.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.080%
43) trans-1,3-Dichloroprop...	10.579	79	59268	23.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.400%
47) 2-Hexanone-d5	10.927	63	45115	52.403	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.800%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	124995	25.400	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	165562	23.213	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	24674	19.368	ug/L	93
3) Chloromethane	2.221	50	105260	23.434	ug/L	100
5) Vinyl chloride	2.361	62	167712	24.379	ug/L	98
6) Bromomethane	2.782	94	85469	22.603	ug/L	97
8) Chloroethane	2.922	64	84431	25.072	ug/L	94
9) Trichlorofluoromethane	3.257	101	89184	23.629	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	118143	23.823	ug/L	97
12) 1,1-Dichloroethene	4.038	96	105871	23.926	ug/L	94
13) Acetone	4.117	43	39564	45.656	ug/L	99
14) Carbon disulfide	4.379	76	327632	23.102	ug/L	99
15) Methyl Acetate	4.672	43	44938	23.611	ug/L	96
16) Methylene chloride	4.916	84	119436	21.424	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	120227	22.801	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	186685	24.432	ug/L	99
19) 1,1-Dichloroethane	6.214	63	211290	23.961	ug/L	93
20) cis-1,2-Dichloroethene	7.171	96	130635	23.687	ug/L #	96
22) 2-Butanone	7.165	43	63653	50.475	ug/L	99
23) Bromochloromethane	7.513	128	59860	23.139	ug/L	97
25) Chloroform	7.677	83	235475	24.113	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	153145	24.909	ug/L	98
29) Cyclohexane	7.958	56	189686	24.015	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	206578	23.489	ug/L	99
31) Carbon tetrachloride	8.067	117	191924	23.655	ug/L	99
33) Benzene	8.323	78	516604	23.813	ug/L	100
34) Trichloroethene	9.092	95	136428	22.989	ug/L	96
35) Methylcyclohexane	9.335	83	234842	24.109	ug/L	98
37) 1,2-Dichloropropane	9.366	63	120741	23.750	ug/L	99
38) Bromodichloromethane	9.646	83	176092	24.689	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	193837	24.338	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	142816	51.668	ug/L	99
42) Toluene	10.390	91	588164	24.044	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	173386	24.944	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	98953	24.245	ug/L	99
46) Tetrachloroethene	10.866	164	105649	22.504	ug/L	86
48) 2-Hexanone	10.969	43	97924	54.783	ug/L	98
49) Dibromochloromethane	11.128	129	121800	24.674	ug/L	98
50) 1,2-Dibromoethane	11.238	107	97571	24.404	ug/L	96
51) Chlorobenzene	11.658	112	374641	23.401	ug/L	95
52) Ethylbenzene	11.731	91	665786	24.702	ug/L	99
53) m,p-Xylene	11.835	106	259898	24.914	ug/L	96
54) o-Xylene	12.164	106	247517	24.768	ug/L	90
55) Styrene	12.183	104	428872	24.939	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	121266	24.777	ug/L #	91
59) Bromoform	12.347	173	65137	23.854	ug/L	99
60) Isopropylbenzene	12.463	105	698974	24.787	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87093	24.436	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	565485	24.229	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	573544	24.829	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	298557	23.334	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	299527	22.889	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	268779	23.156	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	18045	23.842	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	199613	23.594	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	150112	22.906	ug/L	98
71) Naphthalene	15.365	128	309886	25.479	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	131483	23.074	ug/L	96

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

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