

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021834.D
 Acq On : 11 Jan 2022 15:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025530

Quant Time: Jan 12 00:42:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:38:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	135115	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	134435	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78746	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	56250	22.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.885	69	39951	17.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.480%
11) 1,1-Dichloroethene-d2	4.026	63	93026	23.463	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.086	46	17577	49.588	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
24) Chloroform-d	7.653	84	102086	23.387	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	8.305	65	48080	22.810	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.240%
32) Benzene-d6	8.275	84	206125	23.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	9.275	67	52533	22.849	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	10.323	98	204009	23.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	10.579	79	22827	23.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.520%
47) 2-Hexanone-d5	10.927	63	15973	51.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	40596	22.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	77312	23.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	13918	26.129	ug/L	99
3) Chloromethane	2.215	50	41846	21.668	ug/L	97
5) Vinyl chloride	2.361	62	58839	21.208	ug/L	98
6) Bromomethane	2.782	94	38015	19.379	ug/L	98
8) Chloroethane	2.922	64	31168	18.589	ug/L	98
9) Trichlorofluoromethane	3.263	101	44308	21.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	52120	23.225	ug/L	88
12) 1,1-Dichloroethene	4.044	96	47673	23.638	ug/L	73
13) Acetone	4.129	43	13007	44.415	ug/L	85
14) Carbon disulfide	4.385	76	126408	23.940	ug/L	99
15) Methyl Acetate	4.678	43	13850	23.400	ug/L	# 84
16) Methylene chloride	4.922	84	49044	21.209	ug/L	# 72
17) trans-1,2-Dichloroethene	5.428	96	52475	24.079	ug/L	78
18) Methyl tert-butyl Ether	5.434	73	67505	24.291	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	76938	24.074	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	54451	24.289	ug/L	66
22) 2-Butanone	7.177	43	18046	48.209	ug/L	77
23) Bromochloromethane	7.519	128	26718	23.952	ug/L	# 59
25) Chloroform	7.677	83	89819	23.753	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	51026	23.302	ug/L #	94
29) Cyclohexane	7.958	56	70752	23.525	ug/L #	74
30) 1,1,1-Trichloroethane	7.872	97	84168	24.154	ug/L #	91
31) Carbon tetrachloride	8.074	117	82586	24.457	ug/L	99
33) Benzene	8.324	78	191678	23.252	ug/L	100
34) Trichloroethene	9.092	95	57025	23.844	ug/L	86
35) Methylcyclohexane	9.336	83	93313	23.726	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	41479	23.097	ug/L #	94
38) Bromodichloromethane	9.646	83	61007	24.335	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	68656	24.604	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	39087	46.333	ug/L #	84
42) Toluene	10.390	91	223595	24.184	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	58805	25.178	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	35564	23.325	ug/L	94
46) Tetrachloroethene	10.866	164	55670	23.540	ug/L	96
48) 2-Hexanone	10.969	43	28306	49.040	ug/L #	87
49) Dibromochloromethane	11.128	129	47829	24.896	ug/L	91
50) 1,2-Dibromoethane	11.238	107	36866	24.358	ug/L #	94
51) Chlorobenzene	11.658	112	153680	23.542	ug/L	90
52) Ethylbenzene	11.731	91	249322	24.275	ug/L	93
53) m,p-Xylene	11.841	106	105484	24.561	ug/L	81
54) o-Xylene	12.164	106	98834	24.789	ug/L	83
55) Styrene	12.183	104	161409	24.521	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	37612	22.927	ug/L #	98
59) Bromoform	12.347	173	26281	24.479	ug/L	99
60) Isopropylbenzene	12.463	105	269592	25.141	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	27016	24.007	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.945	105	227615	25.633	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	223754	25.549	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	132035	24.490	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	127810	24.010	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	116316	24.641	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5341	24.577	ug/L #	60
69) 1,3,5-Trichlorobenzene	14.627	180	95991	23.955	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	75522	23.653	ug/L	99
71) Naphthalene	15.359	128	120750	24.516	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	64164	24.335	ug/L	96

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

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