

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081121\
 Data File : VW019712.D
 Acq On : 11 Aug 2021 17:39
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV430

Quant Time: Aug 12 05:10:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 11 18:27:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	283449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	263649	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	137635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	71583	21.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.520%
7) Chloroethane-d5	2.898	69	96624	29.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.120%
11) 1,1-Dichloroethene-d2	4.031	63	156552	22.987	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.960%
21) 2-Butanone-d5	7.086	46	54530	50.445	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.900%
24) Chloroform-d	7.653	84	195300	22.791	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	8.311	65	110716	22.194	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.760%
32) Benzene-d6	8.281	84	373452	21.394	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.560%
36) 1,2-Dichloropropane-d6	9.274	67	115303	21.956	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.840%
41) Toluene-d8	10.323	98	335462	21.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.280%
43) trans-1,3-Dichloroprop...	10.579	79	50883	23.466	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.880%
47) 2-Hexanone-d5	10.927	63	46525	50.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	103109	22.627	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	118172	23.279	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	65811	21.207	ug/L	# 88
3) Chloromethane	2.221	50	98509	31.374	ug/L	99
5) Vinyl chloride	2.373	62	95179	22.499	ug/L	95
6) Bromomethane	2.788	94	91055	27.477	ug/L	98
8) Chloroethane	2.934	64	87779	30.858	ug/L	97
9) Trichlorofluoromethane	3.263	101	79654	30.416	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	89995	25.787	ug/L	96
12) 1,1-Dichloroethene	4.050	96	83077	24.459	ug/L	96
13) Acetone	4.147	43	35477	39.928	ug/L	87
14) Carbon disulfide	4.391	76	212854	22.011	ug/L	99
15) Methyl Acetate	4.684	43	41186	24.785	ug/L	98
16) Methylene chloride	4.922	84	110729	23.376	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	93662	25.227	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	126239	23.401	ug/L	97
19) 1,1-Dichloroethane	6.220	63	177995	22.812	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	104402	24.813	ug/L	98
22) 2-Butanone	7.177	43	52684	44.326	ug/L	100
23) Bromochloromethane	7.525	128	46117	23.687	ug/L	91
25) Chloroform	7.677	83	185736	23.240	ug/L	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	125744	22.526	ug/L	99
29) Cyclohexane	7.964	56	144161	22.065	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	141802	21.007	ug/L	99
31) Carbon tetrachloride	8.073	117	127444	20.457	ug/L	99
33) Benzene	8.323	78	399695	21.876	ug/L	100
34) Trichloroethene	9.098	95	101446	22.394	ug/L	95
35) Methylcyclohexane	9.341	83	173300	23.118	ug/L	98
37) 1,2-Dichloropropane	9.372	63	102132	22.367	ug/L	99
38) Bromodichloromethane	9.646	83	133296	23.046	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	159347	22.871	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	123014	43.836	ug/L	98
42) Toluene	10.390	91	429806	22.407	ug/L	95
44) trans-1,3-Dichloropropene	10.610	75	139888	22.929	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	77953	23.082	ug/L	96
46) Tetrachloroethene	10.866	164	78814	23.139	ug/L	96
48) 2-Hexanone	10.969	43	88776	45.985	ug/L	99
49) Dibromochloromethane	11.128	129	89913	24.028	ug/L	97
50) 1,2-Dibromoethane	11.237	107	72413	22.531	ug/L	99
51) Chlorobenzene	11.658	112	265207	22.609	ug/L	97
52) Ethylbenzene	11.731	91	481158	23.933	ug/L	98
53) m,p-Xylene	11.841	106	180609	23.597	ug/L	95
54) o-Xylene	12.164	106	172489	23.352	ug/L	94
55) Styrene	12.182	104	306774	24.185	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	96080	22.359	ug/L	100
59) Bromoform	12.347	173	47843	22.869	ug/L	98
60) Isopropylbenzene	12.463	105	466437	24.782	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	71618	23.009	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	396757	25.313	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	404580	24.744	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	206721	22.680	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	213112	23.193	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	189909	23.736	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	15689	25.830	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	153580	26.377	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	128176	26.144	ug/L	99
71) Naphthalene	15.359	128	257529	27.025	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	114417	26.385	ug/L	98

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

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