

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021247.D
 Acq On : 09 Dec 2021 17:00
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV437

Quant Time: Dec 10 00:19:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 17:38:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	108668	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	108299	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41693	21.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
7) Chloroethane-d5	2.885	69	28691	21.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
11) 1,1-Dichloroethene-d2	4.019	63	54308	20.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.320%
21) 2-Butanone-d5	7.080	46	12691	45.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.980%
24) Chloroform-d	7.653	84	63186	20.865	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.440%
26) 1,2-Dichloroethane-d4	8.305	65	33367	20.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.840%
32) Benzene-d6	8.274	84	121903	20.535	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.160%
36) 1,2-Dichloropropane-d6	9.274	67	33010	20.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.920%
41) Toluene-d8	10.323	98	127622	21.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.160%
43) trans-1,3-Dichloroprop...	10.579	79	15423	21.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.160%
47) 2-Hexanone-d5	10.926	63	10947	46.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31614	23.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	50830	20.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	8503	20.252	ug/L	99
3) Chloromethane	2.215	50	26174	18.830	ug/L	97
5) Vinyl chloride	2.361	62	43246	19.818	ug/L	98
6) Bromomethane	2.782	94	30128	21.286	ug/L	94
8) Chloroethane	2.922	64	21387	21.274	ug/L	96
9) Trichlorofluoromethane	3.257	101	21966	19.078	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	29963	19.968	ug/L	91
12) 1,1-Dichloroethene	4.037	96	27725	20.583	ug/L	82
13) Acetone	4.117	43	10793	43.155	ug/L	95
14) Carbon disulfide	4.385	76	75080	21.584	ug/L	99
15) Methyl Acetate	4.671	43	10535	24.413	ug/L	# 78
16) Methylene chloride	4.909	84	34693	19.322	ug/L	82
17) trans-1,2-Dichloroethene	5.427	96	30259	20.747	ug/L	81
18) Methyl tert-butyl Ether	5.427	73	47067	23.367	ug/L	94
19) 1,1-Dichloroethane	6.220	63	50248	21.956	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	33759	21.946	ug/L	74
22) 2-Butanone	7.165	43	14411	44.123	ug/L	86
23) Bromochloromethane	7.512	128	16513	22.958	ug/L	# 64
25) Chloroform	7.677	83	58395	21.980	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	38212	22.713	ug/L	99
29) Cyclohexane	7.951	56	42503	19.718	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	50226	20.670	ug/L	95
31) Carbon tetrachloride	8.067	117	45517	20.306	ug/L	97
33) Benzene	8.323	78	122950	20.840	ug/L	100
34) Trichloroethene	9.091	95	34074	20.575	ug/L	93
35) Methylcyclohexane	9.335	83	53570	19.609	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	28604	21.737	ug/L #	96
38) Bromodichloromethane	9.646	83	40564	22.419	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	47085	22.698	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	33435	46.630	ug/L #	93
42) Toluene	10.390	91	147156	21.327	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	41576	22.883	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	24154	22.426	ug/L	95
46) Tetrachloroethene	10.866	164	30508	19.392	ug/L	95
48) 2-Hexanone	10.969	43	24397	46.919	ug/L #	95
49) Dibromochloromethane	11.128	129	30432	22.919	ug/L	90
50) 1,2-Dibromoethane	11.237	107	24543	22.897	ug/L	96
51) Chlorobenzene	11.658	112	99337	21.504	ug/L	94
52) Ethylbenzene	11.731	91	169023	21.436	ug/L	97
53) m,p-Xylene	11.835	106	67903	21.348	ug/L	86
54) o-Xylene	12.164	106	68283	22.620	ug/L	93
55) Styrene	12.182	104	118175	23.002	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	29360	23.779	ug/L #	97
59) Bromoform	12.347	173	18286	24.034	ug/L	99
60) Isopropylbenzene	12.463	105	186386	21.451	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21994	23.633	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	159606	21.587	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	156976	21.522	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	88155	21.510	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	88158	21.651	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	78049	21.632	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	4190	21.828	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	61692	20.140	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	48383	19.638	ug/L	97
71) Naphthalene	15.365	128	84457	21.100	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	40891	20.083	ug/L	97

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

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