

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020087.D
 Acq On : 21 Sep 2021 12:02
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV459

Quant Time: Sep 22 04:52:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 04:35:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	371948	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	343774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	182006	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	169396	22.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.040%
7) Chloroethane-d5	2.898	69	132370	23.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	4.025	63	274788	23.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.240%
21) 2-Butanone-d5	7.080	46	47907	40.799	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.600%
24) Chloroform-d	7.653	84	274397	23.458	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	8.311	65	142083	22.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	8.275	84	538520	24.554	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	9.275	67	151909	23.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.323	98	492019	24.655	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.640%
43) trans-1,3-Dichloroprop...	10.579	79	64016	23.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.400%
47) 2-Hexanone-d5	10.927	63	38313	43.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.240%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	109623	22.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	159523	23.375	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	73161	22.457	ug/L	96
3) Chloromethane	2.215	50	109021	24.201	ug/L	98
5) Vinyl chloride	2.367	62	178995	25.304	ug/L	99
6) Bromomethane	2.788	94	119005	26.024	ug/L	98
8) Chloroethane	2.928	64	109617	25.626	ug/L	98
9) Trichlorofluoromethane	3.263	101	116893	23.488	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	132764	24.402	ug/L	99
12) 1,1-Dichloroethene	4.044	96	124358	25.211	ug/L	92
13) Acetone	4.129	43	37112	36.903	ug/L	98
14) Carbon disulfide	4.391	76	405489	26.140	ug/L	99
15) Methyl Acetate	4.672	43	43270	22.500	ug/L	98
16) Methylene chloride	4.916	84	139881	21.313	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	132384	25.476	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	152784	24.767	ug/L	100
19) 1,1-Dichloroethane	6.220	63	242148	25.265	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	135991	25.733	ug/L	99
22) 2-Butanone	7.177	43	52886	40.535	ug/L	99
23) Bromochloromethane	7.519	128	59644	24.897	ug/L	94
25) Chloroform	7.677	83	255910	25.533	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	162836	24.688	ug/L	100
29) Cyclohexane	7.964	56	209030	27.326	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	212449	24.940	ug/L	100
31) Carbon tetrachloride	8.074	117	199282	25.712	ug/L	98
33) Benzene	8.323	78	549917	26.506	ug/L	100
34) Trichloroethene	9.092	95	141777	25.527	ug/L	97
35) Methylcyclohexane	9.335	83	247343	27.332	ug/L	99
37) 1,2-Dichloropropane	9.372	63	132647	25.813	ug/L	100
38) Bromodichloromethane	9.646	83	177868	25.560	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	201060	26.527	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	122108	47.181	ug/L	99
42) Toluene	10.390	91	601297	27.280	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	177647	26.093	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	92183	24.465	ug/L	98
46) Tetrachloroethene	10.866	164	110105	25.649	ug/L	92
48) 2-Hexanone	10.969	43	83284	46.196	ug/L	99
49) Dibromochloromethane	11.128	129	112778	25.614	ug/L	86
50) 1,2-Dibromoethane	11.238	107	84487	23.825	ug/L	99
51) Chlorobenzene	11.658	112	371874	25.940	ug/L	98
52) Ethylbenzene	11.731	91	657451	27.080	ug/L	99
53) m,p-Xylene	11.841	106	252006	27.227	ug/L	95
54) o-Xylene	12.164	106	237860	27.781	ug/L	99
55) Styrene	12.183	104	421160	28.309	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	104726	23.269	ug/L	96
59) Bromoform	12.347	173	56348	22.707	ug/L	100
60) Isopropylbenzene	12.463	105	649606	26.619	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	76772	22.339	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	560602	27.991	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	544873	27.695	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	281564	25.158	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	288067	24.907	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	257347	25.248	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	16952	21.973	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	200919	25.956	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	153183	25.642	ug/L	96
71) Naphthalene	15.365	128	261343	24.804	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	136143	25.309	ug/L	98

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

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