

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020309.D
 Acq On : 06 Oct 2021 11:25
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV475

Quant Time: Oct 07 01:44:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 06 15:11:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	234571	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	216232	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	105320	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	78680	24.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
7) Chloroethane-d5	2.886	69	34390	24.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	4.019	63	156470	23.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.000%
21) 2-Butanone-d5	7.086	46	40072	48.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.580%
24) Chloroform-d	7.653	84	157603	23.399	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	8.311	65	87640	23.776	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.120%
32) Benzene-d6	8.275	84	313206	23.923	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.680%
36) 1,2-Dichloropropane-d6	9.275	67	97497	23.478	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	10.323	98	282470	23.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	10.579	79	39813	23.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.240%
47) 2-Hexanone-d5	10.927	63	28412	49.502	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.000%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	68358	23.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	86453	23.442	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	31263	24.329	ug/L	96
3) Chloromethane	2.209	50	74062	23.570	ug/L	97
5) Vinyl chloride	2.361	62	101460	23.738	ug/L	98
6) Bromomethane	2.776	94	36341	21.969	ug/L	96
8) Chloroethane	2.916	64	30091	23.549	ug/L	99
9) Trichlorofluoromethane	3.257	101	51317	23.174	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	82595	23.926	ug/L	99
12) 1,1-Dichloroethene	4.044	96	77491	23.741	ug/L	97
13) Acetone	4.135	43	40357	47.800	ug/L	99
14) Carbon disulfide	4.385	76	256778	23.930	ug/L	99
15) Methyl Acetate	4.678	43	37566	24.346	ug/L	100
16) Methylene chloride	4.916	84	85286	20.361	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	83088	24.316	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	110367	24.981	ug/L	100
19) 1,1-Dichloroethane	6.220	63	163496	24.058	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	84910	24.300	ug/L	98
22) 2-Butanone	7.177	43	51772	49.876	ug/L	98
23) Bromochloromethane	7.519	128	35628	24.075	ug/L	99
25) Chloroform	7.677	83	157102	24.172	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	104823	24.144	ug/L	100
29) Cyclohexane	7.958	56	162226	25.235	ug/L	100
30) 1,1,1-Trichloroethane	7.878	97	127424	24.567	ug/L	98
31) Carbon tetrachloride	8.074	117	110315	24.364	ug/L	98
33) Benzene	8.330	78	361547	24.043	ug/L	100
34) Trichloroethene	9.092	95	89153	24.101	ug/L	97
35) Methylcyclohexane	9.336	83	161937	25.095	ug/L	99
37) 1,2-Dichloropropane	9.372	63	91248	24.357	ug/L	99
38) Bromodichloromethane	9.646	83	110412	24.189	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	130992	24.722	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	102316	49.997	ug/L	99
42) Toluene	10.390	91	371006	24.531	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	113344	24.699	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	57120	24.101	ug/L	98
46) Tetrachloroethene	10.866	164	63993	23.504	ug/L	93
48) 2-Hexanone	10.969	43	76274	51.091	ug/L	99
49) Dibromochloromethane	11.128	129	64283	24.170	ug/L	95
50) 1,2-Dibromoethane	11.238	107	52327	24.011	ug/L #	99
51) Chlorobenzene	11.658	112	218982	23.873	ug/L	99
52) Ethylbenzene	11.731	91	407626	24.689	ug/L	99
53) m,p-Xylene	11.841	106	153351	25.142	ug/L	95
54) o-Xylene	12.164	106	142313	24.915	ug/L	96
55) Styrene	12.183	104	248563	25.285	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	68002	24.134	ug/L	98
59) Bromoform	12.353	173	32460	23.067	ug/L	95
60) Isopropylbenzene	12.463	105	398826	25.508	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	50904	24.384	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	333042	26.327	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	329324	26.049	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	156972	23.867	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	161160	24.275	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	142815	24.355	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	10844	24.475	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	114285	24.462	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	86873	23.841	ug/L	99
71) Naphthalene	15.365	128	161667	25.470	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	77939	24.487	ug/L	99

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

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