

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060221\
 Data File : VW019099.D
 Acq On : 02 Jun 2021 13:05
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV105

Quant Time: Jun 03 01:24:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 02 12:40:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	620955	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	576446	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	292005	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	210425	25.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.52%
7) Chloroethane-d5	2.898	69	182583	26.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.44%
11) 1,1-Dichloroethene-d2	4.032	63	422304	25.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.56%
21) 2-Butanone-d5	7.086	46	116302	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
24) Chloroform-d	7.653	84	438251	26.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	8.311	65	240470	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
32) Benzene-d6	8.275	84	856139	26.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.28%
36) 1,2-Dichloropropane-d6	9.274	67	255643	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.72%
41) Toluene-d8	10.323	98	796308	26.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloroprop...	10.579	79	115211	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.88%
47) 2-Hexanone-d5	10.927	63	95666	56.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.32%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	222603	27.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.40%
66) 1,2-Dichlorobenzene-d4	13.853	152	272137	26.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	221507	27.53	ug/L	98
3) Chloromethane	2.221	50	192787	25.92	ug/L	98
5) Vinyl chloride	2.367	62	296913	26.15	ug/L	96
6) Bromomethane	2.788	94	208916	24.75	ug/L	99
8) Chloroethane	2.928	64	178927	26.51	ug/L	98
9) Trichlorofluoromethane	3.263	101	156696	25.15	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	229388	25.74	ug/L	96
12) 1,1-Dichloroethene	4.050	96	230484	26.18	ug/L	95
13) Acetone	4.141	43	88135	46.24	ug/L	92
14) Carbon disulfide	4.391	76	736606	26.47	ug/L	99
15) Methyl Acetate	4.678	43	102904	26.84	ug/L	96
16) Methylene chloride	4.922	84	256848	22.29	ug/L	95
17) trans-1,2-Dichloroethene	5.434	96	246787	26.01	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	333873	27.23	ug/L	98
19) 1,1-Dichloroethane	6.220	63	445276	26.44	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	265054	26.83	ug/L	96
22) 2-Butanone	7.177	43	135460	53.16	ug/L	98
23) Bromochloromethane	7.519	128	116945	26.91	ug/L	96
25) Chloroform	7.677	83	445368	25.93	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	308629	26.54	ug/L	97
29) Cyclohexane	7.964	56	399930	26.66	ug/L	97
30) 1,1,1-Trichloroethane	7.878	97	348440	26.27	ug/L	100
31) Carbon tetrachloride	8.073	117	318189	25.98	ug/L	99
33) Benzene	8.330	78	1001902	26.42	ug/L	100
34) Trichloroethene	9.092	95	259750	26.28	ug/L	95
35) Methylcyclohexane	9.335	83	455574	26.79	ug/L	97
37) 1,2-Dichloropropane	9.372	63	246038	26.42	ug/L	99
38) Bromodichloromethane	9.646	83	323451	26.77	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	391482	27.13	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	301624	54.38	ug/L	96
42) Toluene	10.390	91	1069151	26.21	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	350375	27.51	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	186271	26.56	ug/L	96
46) Tetrachloroethene	10.866	164	195948	25.94	ug/L	95
48) 2-Hexanone	10.969	43	213640	57.29	ug/L	96
49) Dibromochloromethane	11.128	129	213515	27.47	ug/L	97
50) 1,2-Dibromoethane	11.238	107	180037	26.50	ug/L	94
51) Chlorobenzene	11.658	112	662293	26.30	ug/L	98
52) Ethylbenzene	11.731	91	1190187	26.52	ug/L	98
53) m,p-Xylene	11.841	106	443829	26.82	ug/L	95
54) o-Xylene	12.164	106	424248	26.91	ug/L	94
55) Styrene	12.183	104	733688	27.06	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	234078	27.09	ug/L	97
59) Bromoform	12.347	173	122350	27.20	ug/L	98
60) Isopropylbenzene	12.463	105	1171005	26.79	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	173700	26.59	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	970619	27.03	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	998589	27.86	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	521672	27.34	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	505813	25.93	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	471360	27.45	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	38388	26.84	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	352490	25.57	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	316332	27.96	ug/L	99
71) Naphthalene	15.365	128	669194	29.67	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	280154	27.95	ug/L	97

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

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