

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033121\
 Data File : VW018508.D
 Acq On : 31 Mar 2021 12:41
 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: Apr 01 01:37:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM033121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 31 12:31:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	475392	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	458776	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	243424	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	181122	23.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.80%		
7) Chloroethane-d5	2.891	69	151945	24.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.44%		
11) 1,1-Dichloroethene-d2	4.031	63	288834	24.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	97.20%		
21) 2-Butanone-d5	7.074	46	81966	51.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.90%		
24) Chloroform-d	7.653	84	310537	24.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.44%		
26) 1,2-Dichloroethane-d4	8.305	65	188880	25.16	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.64%		
32) Benzene-d6	8.275	84	596650	24.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.20%		
36) 1,2-Dichloropropane-d6	9.274	67	173676	24.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.12%		
41) Toluene-d8	10.323	98	598841	25.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	101.44%		
43) trans-1,3-Dichloroprop...	10.579	79	89241	25.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	102.28%		
47) 2-Hexanone-d5	10.920	63	70290	51.22	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.44%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	173272	25.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.40%		
66) 1,2-Dichlorobenzene-d4	13.853	152	206558	25.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.32%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	122026	22.99	ug/L	95
3) Chloromethane	2.215	50	168254	25.36	ug/L	97
5) Vinyl chloride	2.367	62	235273	23.41	ug/L	100
6) Bromomethane	2.782	94	171974	24.14	ug/L	94
8) Chloroethane	2.928	64	146768	25.01	ug/L	99
9) Trichlorofluoromethane	3.263	101	119426	26.78	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	155713	24.39	ug/L #	86
12) 1,1-Dichloroethene	4.044	96	152870	23.95	ug/L	87
13) Acetone	4.123	43	56421	50.22	ug/L	90
14) Carbon disulfide	4.391	76	477521	24.85	ug/L	99
15) Methyl Acetate	4.665	43	71217	25.16	ug/L	97
16) Methylene chloride	4.922	84	165393	23.24	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	170165	24.60	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	234115	26.62	ug/L	99
19) 1,1-Dichloroethane	6.220	63	294589	24.90	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	183117	25.21	ug/L	99
22) 2-Butanone	7.171	43	93234	51.60	ug/L	99
23) Bromochloromethane	7.513	128	84211	24.88	ug/L	93
25) Chloroform	7.677	83	318352	24.78	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	236063	25.71	ug/L	99
29) Cyclohexane	7.958	56	254709	24.00	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	252990	24.46	ug/L	100
31) Carbon tetrachloride	8.067	117	235858	23.99	ug/L	96
33) Benzene	8.323	78	673902	24.61	ug/L	100
34) Trichloroethene	9.091	95	184668	24.40	ug/L	94
35) Methylcyclohexane	9.335	83	305105	23.82	ug/L	99
37) 1,2-Dichloropropane	9.366	63	166372	25.42	ug/L	99
38) Bromodichloromethane	9.646	83	238193	25.33	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	281102	26.14	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	212768	49.82	ug/L	96
42) Toluene	10.390	91	775970	24.96	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	258396	25.85	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	136307	24.77	ug/L	96
46) Tetrachloroethene	10.859	164	142336	24.96	ug/L	96
48) 2-Hexanone	10.969	43	150339	49.42	ug/L	94
49) Dibromochloromethane	11.128	129	163355	25.23	ug/L	90
50) 1,2-Dibromoethane	11.231	107	140289	25.08	ug/L	98
51) Chlorobenzene	11.658	112	489470	24.54	ug/L	98
52) Ethylbenzene	11.731	91	863126	24.53	ug/L	97
53) m,p-Xylene	11.841	106	325746	24.90	ug/L	94
54) o-Xylene	12.164	106	322705	25.36	ug/L	97
55) Styrene	12.182	104	549757	25.18	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	175010	25.04	ug/L	95
59) Bromoform	12.347	173	95948	25.34	ug/L	95
60) Isopropylbenzene	12.463	105	853445	24.65	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	134130	25.64	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	716648	24.55	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	749722	25.44	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	379754	24.74	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	374150	23.88	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	345631	24.40	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	30996	24.62	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	275653	24.62	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	233201	24.72	ug/L	98
71) Naphthalene	15.365	128	513798	25.68	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	212097	25.06	ug/L	98

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

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