

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041421\
 Data File : VW018651.D
 Acq On : 14 Apr 2021 18:16
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV101

Quant Time: Apr 15 11:19:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:17:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	594168	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	553645	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	268381	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	203364	22.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.08%		
7) Chloroethane-d5	2.898	69	176543	22.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.24%		
11) 1,1-Dichloroethene-d2	4.025	63	360912	23.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.08%		
21) 2-Butanone-d5	7.086	46	101211	49.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.48%		
24) Chloroform-d	7.653	84	381938	23.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.68%		
26) 1,2-Dichloroethane-d4	8.305	65	214147	23.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.44%		
32) Benzene-d6	8.275	84	754583	23.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.92%		
36) 1,2-Dichloropropane-d6	9.275	67	231695	23.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.68%		
41) Toluene-d8	10.323	98	700396	23.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.32%		
43) trans-1,3-Dichloroprop...	10.579	79	101145	24.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.08%		
47) 2-Hexanone-d5	10.927	63	85412	50.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.36%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	197488	24.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.64%		
66) 1,2-Dichlorobenzene-d4	13.853	152	230853	24.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.96%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	140321	24.81	ug/L	96
3) Chloromethane	2.221	50	177854	23.02	ug/L	98
5) Vinyl chloride	2.367	62	255880	22.98	ug/L	98
6) Bromomethane	2.788	94	199015	22.43	ug/L	99
8) Chloroethane	2.928	64	166896	23.49	ug/L	98
9) Trichlorofluoromethane	3.263	101	148303	23.78	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	192176	24.28	ug/L	97
12) 1,1-Dichloroethene	4.050	96	189366	24.24	ug/L	94
13) Acetone	4.141	43	68056	45.62	ug/L	86
14) Carbon disulfide	4.397	76	552557	23.77	ug/L	99
15) Methyl Acetate	4.678	43	89666	26.36	ug/L	96
16) Methylene chloride	4.922	84	213611	21.94	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	201924	24.04	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	287631	25.59	ug/L	97
19) 1,1-Dichloroethane	6.220	63	378706	24.51	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	220368	24.66	ug/L	97
22) 2-Butanone	7.177	43	114905	50.69	ug/L	99
23) Bromochloromethane	7.519	128	95969	24.80	ug/L	89
25) Chloroform	7.677	83	389390	24.83	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	263489	24.69	ug/L	100
29) Cyclohexane	7.958	56	327321	24.01	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	298643	24.65	ug/L	99
31) Carbon tetrachloride	8.067	117	266046	24.36	ug/L	99
33) Benzene	8.323	78	850665	24.47	ug/L	100
34) Trichloroethene	9.092	95	216508	24.19	ug/L	94
35) Methylcyclohexane	9.335	83	375410	24.13	ug/L	98
37) 1,2-Dichloropropane	9.372	63	216757	24.62	ug/L	99
38) Bromodichloromethane	9.646	83	279097	24.92	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	330682	25.31	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	265432	49.09	ug/L	95
42) Toluene	10.390	91	924183	24.76	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	296824	26.02	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	163899	25.10	ug/L	96
46) Tetrachloroethene	10.866	164	157529	24.91	ug/L	94
48) 2-Hexanone	10.969	43	179260	52.44	ug/L	92
49) Dibromochloromethane	11.128	129	182432	26.22	ug/L	93
50) 1,2-Dibromoethane	11.238	107	156985	25.27	ug/L	100
51) Chlorobenzene	11.658	112	555502	24.18	ug/L	97
52) Ethylbenzene	11.731	91	1024166	24.84	ug/L	96
53) m,p-Xylene	11.841	106	378987	25.06	ug/L	98
54) o-Xylene	12.164	106	363837	25.06	ug/L	92
55) Styrene	12.183	104	636095	25.33	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	209103	25.71	ug/L	97
59) Bromoform	12.353	173	99449	25.99	ug/L	99
60) Isopropylbenzene	12.463	105	992311	25.14	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	153645	25.06	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	836608	25.58	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	835790	25.61	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	425409	25.43	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	422991	25.00	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	396419	25.76	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	32493	25.50	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	303089	25.38	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	246515	25.36	ug/L	95
71) Naphthalene	15.365	128	567020	27.69	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	227642	26.53	ug/L	98

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

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