

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051421\
 Data File : VW018998.D
 Acq On : 14 May 2021 12:32
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV105

Quant Time: May 14 23:34:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM051421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 14 12:03:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	600644	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	546352	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	271294	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	155845	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.00%
7) Chloroethane-d5	2.891	69	135944	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.28%
11) 1,1-Dichloroethene-d2	4.031	63	331576	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.04%
21) 2-Butanone-d5	7.080	46	84920	52.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.52%
24) Chloroform-d	7.653	84	378513	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.305	65	192999	24.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.64%
32) Benzene-d6	8.275	84	743344	24.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.48%
36) 1,2-Dichloropropane-d6	9.274	67	218325	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.68%
41) Toluene-d8	10.323	98	702356	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.28%
43) trans-1,3-Dichloroprop...	10.579	79	96862	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.84%
47) 2-Hexanone-d5	10.927	63	71485	54.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.18%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	173972	25.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	13.853	152	235341	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	154070	25.11	ug/L	97
3) Chloromethane	2.215	50	162400	26.43	ug/L	98
5) Vinyl chloride	2.367	62	215450	27.36	ug/L	97
6) Bromomethane	2.788	94	156070	23.89	ug/L	100
8) Chloroethane	2.928	64	137893	25.00	ug/L	98
9) Trichlorofluoromethane	3.263	101	136165	23.63	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	197657	24.91	ug/L	95
12) 1,1-Dichloroethene	4.044	96	196407	25.38	ug/L	97
13) Acetone	4.123	43	58626	42.98	ug/L	88
14) Carbon disulfide	4.391	76	574287	26.51	ug/L	99
15) Methyl Acetate	4.672	43	72935	25.84	ug/L	97
16) Methylene chloride	4.915	84	219479	21.78	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	216840	25.51	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	263337	25.82	ug/L	98
19) 1,1-Dichloroethane	6.214	63	376812	25.50	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	225871	25.39	ug/L	98
22) 2-Butanone	7.171	43	97792	52.03	ug/L	98
23) Bromochloromethane	7.513	128	98077	25.61	ug/L	92
25) Chloroform	7.677	83	384590	25.35	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	245140	25.79	ug/L	97
29) Cyclohexane	7.958	56	338744	25.96	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	299912	25.19	ug/L	99
31) Carbon tetrachloride	8.073	117	278050	25.66	ug/L	100
33) Benzene	8.323	78	860992	25.76	ug/L	100
34) Trichloroethene	9.092	95	227129	25.61	ug/L	95
35) Methylcyclohexane	9.335	83	389868	25.29	ug/L	99
37) 1,2-Dichloropropane	9.372	63	205031	25.46	ug/L	99
38) Bromodichloromethane	9.646	83	271462	25.88	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	321325	26.59	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	216683	51.90	ug/L	95
42) Toluene	10.390	91	949473	25.81	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	279428	26.55	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	151686	25.74	ug/L	98
46) Tetrachloroethene	10.866	164	174479	24.73	ug/L	94
48) 2-Hexanone	10.969	43	146377	53.89	ug/L	94
49) Dibromochloromethane	11.128	129	172644	26.04	ug/L	95
50) 1,2-Dibromoethane	11.231	107	145160	26.38	ug/L	96
51) Chlorobenzene	11.658	112	576845	25.36	ug/L	98
52) Ethylbenzene	11.731	91	1046875	25.63	ug/L	97
53) m,p-Xylene	11.841	106	394667	25.75	ug/L	98
54) o-Xylene	12.164	106	380212	26.39	ug/L	98
55) Styrene	12.182	104	635456	25.93	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	177351	26.15	ug/L	95
59) Bromoform	12.353	173	97604	27.79	ug/L	100
60) Isopropylbenzene	12.463	105	1042742	26.38	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	130175	26.55	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	856106	26.78	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	861227	26.68	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	450465	26.27	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	426333	24.92	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	400609	26.52	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	27188	25.94	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	317780	25.36	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	260792	26.12	ug/L	97
71) Naphthalene	15.365	128	510854	28.27	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	234272	26.67	ug/L	96

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

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