

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018912.D
 Acq On : 04 May 2021 11:59
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025109

Quant Time: May 05 00:01:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	595442	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	525413	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	259561	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	176629	23.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.48%
7) Chloroethane-d5	2.891	69	138049	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.32%
11) 1,1-Dichloroethene-d2	4.025	63	375689	24.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.08%
21) 2-Butanone-d5	7.080	46	74376	37.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.76%
24) Chloroform-d	7.646	84	375174	24.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.04%
26) 1,2-Dichloroethane-d4	8.305	65	193665	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.76%
32) Benzene-d6	8.274	84	710119	23.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.68%
36) 1,2-Dichloropropane-d6	9.274	67	208656	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	10.323	98	669316	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
43) trans-1,3-Dichloroprop...	10.579	79	88397	22.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.36%
47) 2-Hexanone-d5	10.926	63	64325	40.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.58%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	158526	21.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.96%
66) 1,2-Dichlorobenzene-d4	13.853	152	206977	23.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.08%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	162958	28.82	ug/L	97
3) Chloromethane	2.215	50	137325	25.86	ug/L	96
5) Vinyl chloride	2.367	62	227259	26.38	ug/L	97
6) Bromomethane	2.788	94	149508	24.78	ug/L	100
8) Chloroethane	2.928	64	135434	26.13	ug/L	98
9) Trichlorofluoromethane	3.263	101	166550	24.92	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	202425	26.28	ug/L	97
12) 1,1-Dichloroethene	4.043	96	202714	26.28	ug/L	94
13) Acetone	4.141	43	72008	47.24	ug/L	88
14) Carbon disulfide	4.385	76	610278	26.73	ug/L	99
15) Methyl Acetate	4.678	43	64766	20.84	ug/L	94
16) Methylene chloride	4.915	84	215699	21.91	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	212737	25.73	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	260596	22.85	ug/L	99
19) 1,1-Dichloroethane	6.214	63	371840	26.17	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	220511	25.25	ug/L	98
22) 2-Butanone	7.177	43	92929	43.97	ug/L	96
23) Bromochloromethane	7.512	128	89913	23.36	ug/L	94
25) Chloroform	7.677	83	387066	26.04	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	246293	24.33	ug/L	99
29) Cyclohexane	7.957	56	343750	27.30	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	317350	27.26	ug/L	99
31) Carbon tetrachloride	8.067	117	291474	27.47	ug/L	99
33) Benzene	8.323	78	831540	26.43	ug/L	100
34) Trichloroethene	9.091	95	224250	26.72	ug/L	96
35) Methylcyclohexane	9.335	83	395391	26.79	ug/L	99
37) 1,2-Dichloropropane	9.366	63	199414	26.29	ug/L	98
38) Bromodichloromethane	9.646	83	263781	26.34	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	316028	26.15	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	197449	41.92	ug/L	95
42) Toluene	10.390	91	916194	26.47	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	267774	25.29	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	143374	23.80	ug/L	96
46) Tetrachloroethene	10.859	164	167918	26.61	ug/L	91
48) 2-Hexanone	10.969	43	141898	46.26	ug/L	94
49) Dibromochloromethane	11.128	129	161612	24.77	ug/L	95
50) 1,2-Dibromoethane	11.237	107	137166	23.48	ug/L	95
51) Chlorobenzene	11.658	112	554549	26.20	ug/L	97
52) Ethylbenzene	11.731	91	1029826	26.83	ug/L	96
53) m,p-Xylene	11.841	106	375284	26.31	ug/L	98
54) o-Xylene	12.164	106	350781	25.81	ug/L	87
55) Styrene	12.176	104	600193	26.27	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	164727	22.62	ug/L	96
59) Bromoform	12.347	173	82702	23.03	ug/L #	96
60) Isopropylbenzene	12.463	105	1006663	27.17	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	122319	22.23	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	829373	26.82	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	840306	27.16	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	403020	25.79	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	394588	25.01	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	355220	25.11	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	25595	21.88	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	284429	25.23	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	241383	25.79	ug/L	98
71) Naphthalene	15.365	128	447971	22.68	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	199056	24.10	ug/L	98

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

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