

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018682.D
 Acq On : 20 Apr 2021 08:46
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025113

Quant Time: Apr 21 01:23:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 20 01:14:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	543494	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	501259	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	251308	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169841	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
7) Chloroethane-d5	2.891	69	144832	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
11) 1,1-Dichloroethene-d2	4.025	63	330582	23.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.20%
21) 2-Butanone-d5	7.073	46	94446	50.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.48%
24) Chloroform-d	7.646	84	365629	24.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	8.305	65	201104	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.92%
32) Benzene-d6	8.268	84	706473	24.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.08%
36) 1,2-Dichloropropane-d6	9.274	67	216661	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
41) Toluene-d8	10.323	98	654035	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.28%
43) trans-1,3-Dichloroprop...	10.579	79	98317	26.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.24%
47) 2-Hexanone-d5	10.920	63	79951	51.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.78%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	186504	25.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.80%
66) 1,2-Dichlorobenzene-d4	13.853	152	208909	23.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.64%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	127806	24.71	ug/L	98
3) Chloromethane	2.214	50	125574	17.77	ug/L	97
5) Vinyl chloride	2.367	62	224452	22.04	ug/L	97
6) Bromomethane	2.781	94	149767	18.45	ug/L	98
8) Chloroethane	2.928	64	137961	21.23	ug/L	98
9) Trichlorofluoromethane	3.257	101	157826	27.66	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	184595	25.49	ug/L	95
12) 1,1-Dichloroethene	4.037	96	181799	25.44	ug/L	94
13) Acetone	4.117	43	69239	50.74	ug/L	93
14) Carbon disulfide	4.385	76	512981	24.12	ug/L	99
15) Methyl Acetate	4.665	43	76067	24.44	ug/L	96
16) Methylene chloride	4.915	84	189761	21.30	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	190002	24.73	ug/L	97
18) Methyl tert-butyl Ether	5.421	73	243763	23.71	ug/L	97
19) 1,1-Dichloroethane	6.214	63	350676	24.81	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	207376	25.37	ug/L	96
22) 2-Butanone	7.165	43	102290	49.33	ug/L	96
23) Bromochloromethane	7.518	128	86690	24.49	ug/L	95
25) Chloroform	7.677	83	357211	24.91	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	237941	24.38	ug/L	98
29) Cyclohexane	7.957	56	301063	24.39	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	281519	25.67	ug/L	100
31) Carbon tetrachloride	8.067	117	259510	26.24	ug/L	100
33) Benzene	8.323	78	785561	24.96	ug/L	100
34) Trichloroethene	9.091	95	200264	24.71	ug/L	93
35) Methylcyclohexane	9.335	83	344108	24.43	ug/L	98
37) 1,2-Dichloropropane	9.366	63	192055	24.10	ug/L	99
38) Bromodichloromethane	9.646	83	254998	25.14	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	304326	25.73	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	221398	45.22	ug/L	94
42) Toluene	10.390	91	856949	25.36	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	268266	25.98	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	146386	24.76	ug/L	97
46) Tetrachloroethene	10.865	164	146853	25.64	ug/L	98
48) 2-Hexanone	10.969	43	155341	50.20	ug/L	95
49) Dibromochloromethane	11.127	129	163709	25.99	ug/L	96
50) 1,2-Dibromoethane	11.231	107	137421	24.43	ug/L	95
51) Chlorobenzene	11.658	112	508549	24.45	ug/L	99
52) Ethylbenzene	11.731	91	941079	25.21	ug/L	100
53) m,p-Xylene	11.835	106	343953	25.12	ug/L	94
54) o-Xylene	12.164	106	332229	25.27	ug/L	92
55) Styrene	12.182	104	580923	25.55	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	181024	24.59	ug/L	99
59) Bromoform	12.347	173	86038	24.01	ug/L	97
60) Isopropylbenzene	12.463	105	917169	24.81	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	131588	22.92	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	758182	24.76	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	777190	25.44	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	380784	24.31	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	379636	23.96	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	355012	24.64	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	28605	23.97	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	281280	25.15	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	214134	23.52	ug/L	93
71) Naphthalene	15.365	128	471282	24.57	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	195890	24.38	ug/L	98

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

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