

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042621\
 Data File : VW018772.D
 Acq On : 26 Apr 2021 10:50
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025121

Quant Time: Apr 27 01:16:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 24 00:16:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	521725	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	480524	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	231381	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	149605	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.48%
7) Chloroethane-d5	2.891	69	134593	19.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	4.019	63	331226	24.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.24%
21) 2-Butanone-d5	7.080	46	96526	53.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.96%
24) Chloroform-d	7.647	84	383864	26.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	8.305	65	205641	25.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	8.275	84	715743	25.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.56%
36) 1,2-Dichloropropane-d6	9.274	67	221576	26.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.32%
41) Toluene-d8	10.323	98	659988	25.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloroprop...	10.579	79	97876	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.24%
47) 2-Hexanone-d5	10.927	63	82373	55.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.52%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	193377	27.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.04%
66) 1,2-Dichlorobenzene-d4	13.853	152	218107	26.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.32%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	130734	26.33	ug/L	100
3) Chloromethane	2.215	50	106104	15.64	ug/L	99
5) Vinyl chloride	2.367	62	209414	21.42	ug/L	99
6) Bromomethane	2.782	94	139302	17.88	ug/L	98
8) Chloroethane	2.928	64	126357	20.25	ug/L	96
9) Trichlorofluoromethane	3.263	101	182440	33.31	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	188373	27.10	ug/L	98
12) 1,1-Dichloroethene	4.038	96	184648	26.92	ug/L	98
13) Acetone	4.123	43	69603	53.13	ug/L	85
14) Carbon disulfide	4.385	76	489269	23.97	ug/L	100
15) Methyl Acetate	4.672	43	73143	24.48	ug/L	94
16) Methylene chloride	4.915	84	195030	22.81	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	193357	26.21	ug/L	96
18) Methyl tert-butyl Ether	5.421	73	262308	26.58	ug/L	98
19) 1,1-Dichloroethane	6.214	63	353152	26.03	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	206231	26.28	ug/L	99
22) 2-Butanone	7.171	43	101029	50.75	ug/L	96
23) Bromochloromethane	7.513	128	87400	25.73	ug/L	96
25) Chloroform	7.671	83	367480	26.69	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	239823	25.59	ug/L	98
29) Cyclohexane	7.958	56	302144	25.53	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	294842	28.04	ug/L	99
31) Carbon tetrachloride	8.073	117	268268	28.30	ug/L	99
33) Benzene	8.323	78	784116	25.99	ug/L	100
34) Trichloroethene	9.092	95	208544	26.84	ug/L	94
35) Methylcyclohexane	9.335	83	353739	26.19	ug/L	98
37) 1,2-Dichloropropane	9.372	63	192129	25.15	ug/L	99
38) Bromodichloromethane	9.646	83	258933	26.63	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	308674	27.22	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	218695	46.60	ug/L	94
42) Toluene	10.384	91	857624	26.48	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	268614	27.13	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	148347	26.18	ug/L	96
46) Tetrachloroethene	10.860	164	153129	27.89	ug/L	98
48) 2-Hexanone	10.969	43	151406	51.04	ug/L	92
49) Dibromochloromethane	11.128	129	163507	27.07	ug/L	94
50) 1,2-Dibromoethane	11.237	107	139930	25.95	ug/L	98
51) Chlorobenzene	11.658	112	521304	26.14	ug/L	96
52) Ethylbenzene	11.731	91	951655	26.60	ug/L	99
53) m,p-Xylene	11.841	106	352376	26.84	ug/L	85
54) o-Xylene	12.164	106	332929	26.42	ug/L	94
55) Styrene	12.182	104	579346	26.58	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	179860	25.48	ug/L	99
59) Bromoform	12.347	173	88847	26.93	ug/L	98
60) Isopropylbenzene	12.463	105	953453	28.02	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	132264	25.02	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	784486	27.83	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	786624	27.96	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	398751	27.65	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	398636	27.33	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	352689	26.58	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	27173	24.73	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	288340	28.01	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	227594	27.16	ug/L	96
71) Naphthalene	15.365	128	474391	26.87	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	203836	27.56	ug/L	99

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

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