

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018699.D
 Acq On : 20 Apr 2021 18:24
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025114

Quant Time: Apr 21 01:33:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 21 01:26:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	659829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	599126	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	306051	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	161635	16.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.48%
7) Chloroethane-d5	2.891	69	141224	15.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.56%
11) 1,1-Dichloroethene-d2	4.025	63	340053	19.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.12%
21) 2-Butanone-d5	7.080	46	103890	45.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.04%
24) Chloroform-d	7.653	84	401795	22.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	8.311	65	222858	21.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.56%
32) Benzene-d6	8.281	84	762655	21.70	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	9.274	67	235045	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.76%
41) Toluene-d8	10.323	98	713671	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	10.579	79	109584	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.20%
47) 2-Hexanone-d5	10.927	63	90380	49.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.14%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	205702	23.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.00%
66) 1,2-Dichlorobenzene-d4	13.853	152	247013	22.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.88%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	112797	17.96	ug/L	95
3) Chloromethane	2.215	50	109476	12.76	ug/L	99
5) Vinyl chloride	2.367	62	220362	17.82	ug/L	99
6) Bromomethane	2.788	94	156525	15.88	ug/L	96
8) Chloroethane	2.928	64	136989	17.36	ug/L	96
9) Trichlorofluoromethane	3.263	101	153831	22.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	195675	22.26	ug/L	98
12) 1,1-Dichloroethene	4.050	96	192696	22.21	ug/L	93
13) Acetone	4.135	43	63585	38.38	ug/L	85
14) Carbon disulfide	4.391	76	507459	19.66	ug/L	100
15) Methyl Acetate	4.678	43	82100	21.73	ug/L	95
16) Methylene chloride	4.922	84	230005	21.27	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	208480	22.35	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	319139	25.57	ug/L	97
19) 1,1-Dichloroethane	6.220	63	381678	22.25	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	233490	23.53	ug/L	99
22) 2-Butanone	7.177	43	109652	43.56	ug/L	96
23) Bromochloromethane	7.519	128	102383	23.83	ug/L	90
25) Chloroform	7.677	83	399135	22.92	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	268750	22.68	ug/L	97
29) Cyclohexane	7.958	56	311790	21.13	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	312863	23.86	ug/L	98
31) Carbon tetrachloride	8.067	117	279369	23.63	ug/L	99
33) Benzene	8.323	78	857522	22.79	ug/L	100
34) Trichloroethene	9.091	95	224548	23.18	ug/L	93
35) Methylcyclohexane	9.335	83	369732	21.96	ug/L	98
37) 1,2-Dichloropropane	9.372	63	211624	22.22	ug/L	99
38) Bromodichloromethane	9.646	83	285211	23.53	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	342091	24.20	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	256128	43.77	ug/L	93
42) Toluene	10.390	91	941802	23.32	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	302319	24.49	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	168732	23.88	ug/L	97
46) Tetrachloroethene	10.866	164	170416	24.90	ug/L	93
48) 2-Hexanone	10.969	43	169759	45.89	ug/L	94
49) Dibromochloromethane	11.128	129	185676	24.66	ug/L	92
50) 1,2-Dibromoethane	11.237	107	163727	24.35	ug/L	98
51) Chlorobenzene	11.658	112	591178	23.78	ug/L	97
52) Ethylbenzene	11.731	91	1045585	23.44	ug/L	99
53) m,p-Xylene	11.841	106	392511	23.98	ug/L	99
54) o-Xylene	12.164	106	379666	24.16	ug/L	94
55) Styrene	12.182	104	656184	24.14	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	205241	23.32	ug/L	99
59) Bromoform	12.353	173	101708	23.31	ug/L	97
60) Isopropylbenzene	12.463	105	1039382	23.09	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	152450	21.80	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	883524	23.69	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	879985	23.65	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	452588	23.73	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	457926	23.73	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	401238	22.86	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	32258	22.20	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	320890	23.56	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	276576	24.95	ug/L	99
71) Naphthalene	15.365	128	586914	25.13	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	244359	24.98	ug/L	96

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

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