

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018963.D
 Acq On : 07 May 2021 17:31
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025116

Quant Time: May 07 23:31:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	621414	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	581913	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	269407	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166840	20.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.72%		
7) Chloroethane-d5	2.891	69	143666	23.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.04%		
11) 1,1-Dichloroethene-d2	4.025	63	413255	26.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	104.44%		
21) 2-Butanone-d5	7.086	46	112555	54.21	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	108.42%		
24) Chloroform-d	7.653	84	445150	27.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	109.16%		
26) 1,2-Dichloroethane-d4	8.305	65	250620	27.51	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.04%		
32) Benzene-d6	8.275	84	810471	24.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.60%		
36) 1,2-Dichloropropane-d6	9.274	67	244601	25.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.32%		
41) Toluene-d8	10.323	98	740844	24.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.64%		
43) trans-1,3-Dichloroprop...	10.579	79	110294	24.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	99.52%		
47) 2-Hexanone-d5	10.927	63	89654	51.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.68%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	207264	25.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	100.32%		
66) 1,2-Dichlorobenzene-d4	13.853	152	257436	27.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	111.56%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	156453	26.52	ug/L	94
3) Chloromethane	2.215	50	143859	25.96	ug/L	100
5) Vinyl chloride	2.367	62	216841	24.12	ug/L	98
6) Bromomethane	2.788	94	140677	22.34	ug/L	96
8) Chloroethane	2.928	64	136318	25.20	ug/L	96
9) Trichlorofluoromethane	3.263	101	197036	28.25	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	222453	27.68	ug/L	97
12) 1,1-Dichloroethene	4.044	96	210762	26.18	ug/L	93
13) Acetone	4.141	43	79714	50.11	ug/L	94
14) Carbon disulfide	4.391	76	621484	26.09	ug/L	100
15) Methyl Acetate	4.678	43	82936	25.57	ug/L	97
16) Methylene chloride	4.915	84	239457	23.31	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	225147	26.09	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	294515	24.74	ug/L	99
19) 1,1-Dichloroethane	6.220	63	410617	27.70	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	237480	26.06	ug/L	93
22) 2-Butanone	7.177	43	115287	52.27	ug/L	99
23) Bromochloromethane	7.519	128	99856	24.86	ug/L	95
25) Chloroform	7.677	83	427086	27.53	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	296064	28.03	ug/L	99
29) Cyclohexane	7.958	56	363322	26.05	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	347367	26.94	ug/L	99
31) Carbon tetrachloride	8.067	117	313782	26.70	ug/L	98
33) Benzene	8.323	78	899909	25.83	ug/L	100
34) Trichloroethene	9.092	95	241454	25.98	ug/L	94
35) Methylcyclohexane	9.335	83	401882	24.59	ug/L	97
37) 1,2-Dichloropropane	9.372	63	220575	26.26	ug/L	99
38) Bromodichloromethane	9.646	83	297462	26.82	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	344454	25.74	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	255871	49.05	ug/L	98
42) Toluene	10.390	91	976946	25.48	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	303613	25.89	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	163436	24.50	ug/L	96
46) Tetrachloroethene	10.866	164	178243	25.50	ug/L	97
48) 2-Hexanone	10.969	43	174407	51.34	ug/L	98
49) Dibromochloromethane	11.128	129	181583	25.13	ug/L	99
50) 1,2-Dibromoethane	11.238	107	152972	23.64	ug/L	99
51) Chlorobenzene	11.658	112	585939	24.99	ug/L	96
52) Ethylbenzene	11.731	91	1106418	26.03	ug/L	96
53) m,p-Xylene	11.841	106	401096	25.39	ug/L	90
54) o-Xylene	12.164	106	376463	25.01	ug/L	86
55) Styrene	12.182	104	641761	25.36	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	190593	23.63	ug/L	98
59) Bromoform	12.347	173	91079	24.43	ug/L	95
60) Isopropylbenzene	12.463	105	1058831	27.53	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	145064	25.40	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	882269	27.49	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	893695	27.83	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	429583	26.48	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	430685	26.30	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	383149	26.10	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	31006	25.53	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	291370	24.90	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	240481	24.76	ug/L	98
71) Naphthalene	15.365	128	502630	24.52	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	209662	24.46	ug/L	99

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

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