

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
 Data File : VW018725.D
 Acq On : 22 Apr 2021 09:44
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025117

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 5:29:22 PM

Quant Time: Apr 23 01:49:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 22 01:20:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	612409	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	530446	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	256544	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	168061	18.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.24%		
7) Chloroethane-d5	2.897	69	142551	17.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.12%		
11) 1,1-Dichloroethene-d2	4.025	63	371341	22.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.92%		
21) 2-Butanone-d5	7.080	46	77225	36.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.90%		
24) Chloroform-d	7.653	84	395980m	23.56	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.24%		
26) 1,2-Dichloroethane-d4	8.305	65	198059	20.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.84%		
32) Benzene-d6	8.274	84	754234	24.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.96%		
36) 1,2-Dichloropropane-d6	9.274	67	221936	23.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.68%		
41) Toluene-d8	10.323	98	697393	24.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.04%		
43) trans-1,3-Dichloroprop...	10.579	79	94401	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.60%		
47) 2-Hexanone-d5	10.926	63	65284	40.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.08%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	161478	20.62	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.48%		
66) 1,2-Dichlorobenzene-d4	13.853	152	225888	25.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.24%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	148130	25.41	ug/L	94
3) Chloromethane	2.215	50	130744	16.42	ug/L	100
5) Vinyl chloride	2.367	62	246576	21.48	ug/L	100
6) Bromomethane	2.788	94	163052	17.83	ug/L	99
8) Chloroethane	2.928	64	143794	19.63	ug/L	98
9) Trichlorofluoromethane	3.269	101	181016	28.16	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	221279	27.12	ug/L	96
12) 1,1-Dichloroethene	4.044	96	214927	26.70	ug/L	93
13) Acetone	4.117	43	59473	38.68	ug/L	88
14) Carbon disulfide	4.385	76	590064	24.63	ug/L	100
15) Methyl Acetate	4.671	43	64883	18.50	ug/L	94
16) Methylene chloride	4.915	84	218961	21.82	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	221812	25.62	ug/L	99
18) Methyl tert-butyl Ether	5.427	73	279360	24.11	ug/L	96
19) 1,1-Dichloroethane	6.220	63	395189	24.82	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	236106	25.63	ug/L	97
22) 2-Butanone	7.165	43	84444	36.14	ug/L	94
23) Bromochloromethane	7.519	128	95358	23.91	ug/L	89
25) Chloroform	7.677	83	413644	25.59	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	250103	22.74	ug/L	97
29) Cyclohexane	7.957	56	351927	26.94	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	349283	30.09	ug/L	98
31) Carbon tetrachloride	8.067	117	317975	30.38	ug/L	98
33) Benzene	8.323	78	882116	26.48	ug/L	100
34) Trichloroethene	9.091	95	240095	27.99	ug/L	94
35) Methylcyclohexane	9.335	83	412877	27.70	ug/L	98
37) 1,2-Dichloropropane	9.372	63	211934	25.13	ug/L	99
38) Bromodichloromethane	9.646	83	280579	26.14	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	332742	26.58	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	193587	37.37	ug/L	93
42) Toluene	10.390	91	979617	27.40	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	280413	25.66	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	148941	23.81	ug/L	97
46) Tetrachloroethene	10.865	164	181395	29.93	ug/L	98
48) 2-Hexanone	10.969	43	128057	39.10	ug/L	92
49) Dibromochloromethane	11.128	129	172709	25.91	ug/L	100
50) 1,2-Dibromoethane	11.237	107	140838	23.66	ug/L	96
51) Chlorobenzene	11.658	112	592164	26.90	ug/L	98
52) Ethylbenzene	11.731	91	1107413	28.04	ug/L	97
53) m,p-Xylene	11.841	106	403467	27.84	ug/L	95
54) o-Xylene	12.164	106	385352	27.70	ug/L	97
55) Styrene	12.182	104	647595	26.91	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	164680	21.14	ug/L	97
59) Bromoform	12.347	173	86100	23.54	ug/L	96
60) Isopropylbenzene	12.463	105	1102878	29.23	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	120812	20.61	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	887537	28.39	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	896290	28.74	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	448025	28.02	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	438292	27.10	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	395875	26.91	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	24157	19.83	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	320003	28.03	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	255262	27.47	ug/L	97
71) Naphthalene	15.365	128	453932	23.19	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	217628	26.54	ug/L	97

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

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