

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041521\
 Data File : VW018653.D
 Acq On : 15 Apr 2021 12:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025107

Quant Time: Apr 16 01:37:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:17:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	508665	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	471256	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	243841	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	174031	22.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.04%		
7) Chloroethane-d5	2.892	69	143971	21.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.04%		
11) 1,1-Dichloroethene-d2	4.025	63	304769	22.70	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.80%		
21) 2-Butanone-d5	7.074	46	92638	52.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.30%		
24) Chloroform-d	7.647	84	344764	24.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.80%		
26) 1,2-Dichloroethane-d4	8.305	65	192522	24.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.12%		
32) Benzene-d6	8.275	84	670486	24.25	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.00%		
36) 1,2-Dichloropropane-d6	9.274	67	201353	24.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.68%		
41) Toluene-d8	10.323	98	625005	24.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	98.88%		
43) trans-1,3-Dichloroprop...	10.579	79	91770	25.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	103.48%		
47) 2-Hexanone-d5	10.927	63	80856	55.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.62%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	186077	26.74	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.96%		
66) 1,2-Dichlorobenzene-d4	13.853	152	213603	24.94	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.76%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	123100	25.42	ug/L	97
3) Chloromethane	2.215	50	134799	20.38	ug/L	99
5) Vinyl chloride	2.367	62	216126	22.67	ug/L	97
6) Bromomethane	2.782	94	152460	20.07	ug/L	97
8) Chloroethane	2.928	64	134831	22.16	ug/L	99
9) Trichlorofluoromethane	3.263	101	102858	19.26	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	168129	24.81	ug/L	96
12) 1,1-Dichloroethene	4.050	96	164747	24.64	ug/L	97
13) Acetone	4.117	43	59309	46.44	ug/L	87
14) Carbon disulfide	4.385	76	465901	23.41	ug/L	99
15) Methyl Acetate	4.666	43	74288	25.51	ug/L	95
16) Methylene chloride	4.922	84	180003	21.59	ug/L	92
17) trans-1,2-Dichloroethene	5.422	96	177679	24.71	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	228868	23.79	ug/L	97
19) 1,1-Dichloroethane	6.214	63	322088	24.35	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	193862	25.34	ug/L	94
22) 2-Butanone	7.171	43	101457	52.28	ug/L	95
23) Bromochloromethane	7.513	128	85178	25.72	ug/L	92
25) Chloroform	7.677	83	339161	25.27	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	231458	25.33	ug/L	98
29) Cyclohexane	7.958	56	267035	23.01	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	255929	24.82	ug/L	99
31) Carbon tetrachloride	8.067	117	237517	25.55	ug/L	100
33) Benzene	8.323	78	729801	24.66	ug/L	100
34) Trichloroethene	9.092	95	190202	24.96	ug/L	95
35) Methylcyclohexane	9.335	83	314855	23.77	ug/L	99
37) 1,2-Dichloropropane	9.366	63	180616	24.10	ug/L	99
38) Bromodichloromethane	9.646	83	246148	25.82	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	285553	25.68	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	229244	49.81	ug/L	92
42) Toluene	10.390	91	798962	25.15	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	257710	26.54	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	148656	26.75	ug/L	99
46) Tetrachloroethene	10.860	164	137586	25.56	ug/L	98
48) 2-Hexanone	10.969	43	158101	54.34	ug/L	90
49) Dibromochloromethane	11.128	129	162122	27.37	ug/L	96
50) 1,2-Dibromoethane	11.238	107	139049	26.29	ug/L	97
51) Chlorobenzene	11.658	112	488340	24.97	ug/L	99
52) Ethylbenzene	11.731	91	882901	25.16	ug/L	97
53) m,p-Xylene	11.841	106	321675	24.99	ug/L	94
54) o-Xylene	12.164	106	320782	25.96	ug/L	93
55) Styrene	12.183	104	560873	26.24	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	188174	27.19	ug/L	99
59) Bromoform	12.353	173	89413	25.72	ug/L	95
60) Isopropylbenzene	12.463	105	860760	24.00	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	138616	24.88	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	707633	23.82	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	719973	24.29	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	371154	24.42	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	376169	24.47	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	335707	24.01	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	30225	26.11	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	270965	24.97	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	212746	24.09	ug/L	97
71) Naphthalene	15.365	128	504065	27.09	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	197544	25.34	ug/L	99

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

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