

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051921\
 Data File : BM030078.D
 Acq On : 19 May 2021 10:03
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020046

Manual Integrations
 APPROVED

mohammad
 5/20/2021 11:36:06 AM

Quant Time: May 19 11:01:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 18 16:38:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	147884	20.00	ng/ul	0.00
20) Naphthalene-d8	10.287	136	697684	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.169	164	487301	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.916	188	1033624	20.00	ng/ul	0.00
79) Chrysene-d12	21.109	240	1149436	20.00	ng/ul	0.00
88) Perylene-d12	23.250	264	1177558	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.028	96	28582	7.72	ng/uL	0.00
4) Pyridine-d5	3.452	84	155646	16.79	ng/ul	0.00
7) Phenol-d5	6.704	99	239783	17.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	159211	18.67	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	200896	18.93	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	201260	17.69	ng/ul	0.00
21) Nitrobenzene-d5	8.669	128	95379	19.84	ng/ul	0.00
24) 2-Nitrophenol-d4	9.387	143	107045	19.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	206681	18.99	ng/ul	0.00
31) 4-Chloroaniline-d4	10.440	131	289924	17.51	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	690369	18.28	ng/ul	0.00
49) Acenaphthylene-d8	13.857	160	870357	18.18	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	98445	16.00	ng/ul	0.00
60) Fluorene-d10	15.163	176	587331	18.32	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	121596	18.11	ng/ul	0.00
73) Anthracene-d10	17.016	188	935794	17.98	ng/ul	0.00
81) Pyrene-d10	19.315	212	1065985	18.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.115	264	1234943	18.50	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.064	88	30017	7.49	ng/uL	97
5) Pyridine	3.469	79	158166	16.63	ng/ul	94
6) Benzaldehyde	6.675	77	144453m	20.35	ng/ul	
8) Phenol	6.728	94	245621	17.49	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.957	93	196792	17.73	ng/ul	96
12) 2-Chlorophenol	7.081	128	200028	18.48	ng/ul	95
13) 2-Methylphenol	7.969	108	186424	17.52	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.051	45	359245	21.48	ng/ul	97
16) Acetophenone	8.340	105	327010	17.92	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.328	70	187193	20.05	ng/ul	95
18) 4-Methylphenol	8.298	108	207030	17.55	ng/ul	99
19) Hexachloroethane	8.569	117	88749	19.41	ng/ul	94
22) Nitrobenzene	8.710	77	251381	20.07	ng/ul	95
23) Isophorone	9.234	82	494404	18.66	ng/ul	99
25) 2-Nitrophenol	9.422	139	119441	20.27	ng/ul	99
26) 2,4-Dimethylphenol	9.487	107	246564	18.55	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.722	93	288498	18.59	ng/ul	98
29) 2,4-Dichlorophenol	9.951	162	196789	18.42	ng/ul	99
30) Naphthalene	10.334	128	701189	18.11	ng/ul	99
32) 4-Chloroaniline	10.463	127	291841	17.11	ng/ul	100
33) Hexachlorobutadiene	10.616	225	131869	18.40	ng/ul	96
34) Caprolactam	11.251	113	66017m	17.41	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	225345	19.06	ng/ul	100
36) 2-Methylnaphthalene	11.957	142	517094	18.41	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.181	142	513901	18.46	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.339	216	265375	17.62	ng/ul	99
40) Hexachlorocyclopentadiene	12.310	237	124731	15.95	ng/ul	98
41) 2,4,6-Trichlorophenol	12.592	196	166287	18.11	ng/ul	99
42) 2,4,5-Trichlorophenol	12.669	196	177083	18.22	ng/ul	99
43) 1,1'-Biphenyl	12.992	154	679724	17.94	ng/ul	97
44) 2-Chloronaphthalene	13.033	162	515013	17.72	ng/ul	100
45) 2-Nitroaniline	13.257	65	162296	22.09	ng/ul	95
47) Dimethylphthalate	13.639	163	694745	18.37	ng/ul	99
48) 2,6-Dinitrotoluene	13.757	165	136057	20.04	ng/ul	97
50) Acenaphthylene	13.886	152	829351	17.92	ng/ul	99
51) 3-Nitroaniline	14.092	138	130986	17.17	ng/ul	97
52) Acenaphthene	14.233	153	588622	17.99	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	85038	18.41	ng/ul	94
55) 4-Nitrophenol	14.416	109	80630	17.05	ng/ul	100
56) Dibenzofuran	14.569	168	817589	18.25	ng/ul	97
57) 2,4-Dinitrotoluene	14.557	165	205823	20.49	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.804	232	172084	18.60	ng/ul	99
59) Diethylphthalate	15.010	149	741158	18.79	ng/ul	99
61) Fluorene	15.222	166	700089	18.27	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.222	204	346704	18.42	ng/ul	100
63) 4-Nitroaniline	15.269	138	140842m	18.63	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.322	198	119151	18.03	ng/ul	98
67) N-Nitrosodiphenylamine	15.439	169	606038	18.05	ng/ul	98
68) 4-Bromophenyl-phenylether	16.116	248	208544	18.13	ng/ul	98
69) Hexachlorobenzene	16.221	284	242920	17.78	ng/ul	94
70) Atrazine	16.398	200	216658	17.49	ng/ul	99
71) Pentachlorophenol	16.574	266	130893	16.72	ng/ul	96
72) Phenanthrene	16.957	178	1093343	17.94	ng/ul	99
74) Anthracene	17.051	178	1121445	18.00	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	285984	17.49	ng/uL	97
76) Pentachlorobenzene	14.492	250	274347	17.59	ng/uL	97
77) Carbazole	17.327	167	989249	17.33	ng/ul	99
78) Di-n-butylphthalate	17.892	149	1319358	19.47	ng/ul	100
80) Fluoranthene	18.980	202	1296861	18.07	ng/ul	99
82) Pyrene	19.345	202	1365548	18.08	ng/ul	98
83) Butylbenzylphthalate	20.257	149	600011	22.36	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.033	252	501265	19.17	ng/ul	100
85) Benzo(a)anthracene	21.092	228	1390235	18.54	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.033	149	984793	21.28	ng/ul	98
87) Chrysene	21.145	228	1356303	18.16	ng/ul	100
89) Di-n-octyl phthalate	21.892	149	1688011	18.73	ng/ul	100
90) Benzo(b)fluoranthene	22.615	252	1426922	18.68	ng/ul	100
91) Benzo(k)fluoranthene	22.656	252	1478500	18.41	ng/ul	99
93) Benzo(a)pyrene	23.162	252	1297785	18.71	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.386	276	1611706	19.20	ng/ul	100
95) Dibenzo(a,h)anthracene	25.391	278	1373305	19.30	ng/ul	99
96) Benzo(g,h,i)perylene	26.033	276	1313383	19.31	ng/ul	99

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

