

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
 Data File : BM030208.D
 Acq On : 27 May 2021 19:49
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020021

Manual Integrations
 APPROVED

mohammad
 5/28/2021 12:37:30 PM

Quant Time: May 27 20:20:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 27 12:44:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	231828	20.00	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1026449	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	694953	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1387412	20.00	ng/ul	0.00
79) Chrysene-d12	21.386	240	1276422	20.00	ng/ul	0.00
88) Perylene-d12	23.674	264	1197327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	43555	7.69	ng/uL	0.00
4) Pyridine-d5	3.752	84	273483	17.22	ng/ul	0.00
7) Phenol-d5	7.028	99	364555	17.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	236109	18.35	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	283786	18.59	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	292577	18.08	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	131844	19.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	130589	20.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	303243	18.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	424602	17.36	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	908092	17.09	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1171965	17.11	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	153582	17.89	ng/ul	0.00
60) Fluorene-d10	15.480	176	795321	17.15	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	118966	17.69	ng/ul	0.00
73) Anthracene-d10	17.327	188	1195302	17.41	ng/ul	0.00
81) Pyrene-d10	19.609	212	1244966	18.20	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	1165053	17.17	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	45247	7.43	ng/uL	97
5) Pyridine	3.769	79	281604	17.27	ng/ul	98
6) Benzaldehyde	7.016	77	239437	22.01	ng/ul	97
8) Phenol	7.051	94	370957	17.91	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.292	93	303507	18.26	ng/ul	99
12) 2-Chlorophenol	7.434	128	290689	18.59	ng/ul	99
13) 2-Methylphenol	8.304	108	279057	17.82	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	499535	18.09	ng/ul	99
16) Acetophenone	8.692	105	475988	18.20	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.675	70	256978	18.62	ng/ul	99
18) 4-Methylphenol	8.634	108	309562	18.36	ng/ul	97
19) Hexachloroethane	8.957	117	118882	17.76	ng/ul	96
22) Nitrobenzene	9.069	77	344586	19.00	ng/ul	99
23) Isophorone	9.592	82	669454	17.50	ng/ul	99
25) 2-Nitrophenol	9.781	139	149134	20.70	ng/ul	97
26) 2,4-Dimethylphenol	9.833	107	344574	17.98	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	424868	18.12	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	294687	18.55	ng/ul	99
30) Naphthalene	10.716	128	991147	17.60	ng/ul	99
32) 4-Chloroaniline	10.816	127	438574	17.33	ng/ul	99
33) Hexachlorobutadiene	11.004	225	188270	17.39	ng/ul	97
34) Caprolactam	11.616	113	80752m	16.64	ng/ul	
35) 4-Chloro-3-methylphenol	11.933	107	304699	18.29	ng/ul	98
36) 2-Methylnaphthalene	12.322	142	738399	17.54	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	728194	17.79	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	389888	17.29	ng/ul	99
40) Hexachlorocyclopentadiene	12.674	237	289402	18.32	ng/ul	98
41) 2,4,6-Trichlorophenol	12.927	196	234206	18.51	ng/ul	94
42) 2,4,5-Trichlorophenol	12.992	196	257912	18.84	ng/ul	97
43) 1,1'-Biphenyl	13.327	154	956112	17.25	ng/ul	99
44) 2-Chloronaphthalene	13.374	162	736522	17.29	ng/ul	99
45) 2-Nitroaniline	13.569	65	193864	19.81	ng/ul	97
47) Dimethylphthalate	13.945	163	910809	17.35	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	164758	19.70	ng/ul	99
50) Acenaphthylene	14.216	152	1141256	17.26	ng/ul	99
51) 3-Nitroaniline	14.392	138	181864	18.66	ng/ul#	95
52) Acenaphthene	14.557	153	803290	17.19	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	128485	24.47	ng/ul	94
55) 4-Nitrophenol	14.686	109	204284	21.67	ng/ul	98
56) Dibenzofuran	14.892	168	1112636	17.21	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	235109	19.38	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.115	232	215861	18.67	ng/ul	98
59) Diethylphthalate	15.310	149	910689	17.13	ng/ul	100
61) Fluorene	15.539	166	934557	17.04	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	461676	17.16	ng/ul	99
63) 4-Nitroaniline	15.551	138	189753	18.93	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.610	198	120539	17.37	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	806766	17.83	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	273951	17.54	ng/ul	99
69) Hexachlorobenzene	16.539	284	310480	17.39	ng/ul	99
70) Atrazine	16.686	200	265349	16.35	ng/ul	100
71) Pentachlorophenol	16.874	266	219221	20.11	ng/ul	99
72) Phenanthrene	17.268	178	1411135	17.36	ng/ul	99
74) Anthracene	17.362	178	1454596	17.44	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	407174	17.99	ng/uL	99
76) Pentachlorobenzene	14.810	250	370584	17.65	ng/uL	100
77) Carbazole	17.627	167	1267233	16.77	ng/ul	100
78) Di-n-butylphthalate	18.192	149	1438879	17.14	ng/ul	99
80) Fluoranthene	19.274	202	1554826	18.59	ng/ul	99
82) Pyrene	19.639	202	1604343	18.35	ng/ul	99
83) Butylbenzylphthalate	20.527	149	547135	18.34	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.303	252	480591	17.78	ng/ul	100
85) Benzo(a)anthracene	21.368	228	1486147	17.67	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.297	149	858078	17.92	ng/ul	99
87) Chrysene	21.421	228	1430621	17.48	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	1398896	18.17	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	1406263	17.53	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1410536	17.83	ng/ul	100
93) Benzo(a)pyrene	23.574	252	1247120	17.61	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.009	276	1567962	17.68	ng/ul	99
95) Dibenzo(a,h)anthracene	26.021	278	1315832	17.74	ng/ul	99
96) Benzo(g,h,i)perylene	26.721	276	1260082	17.39	ng/ul	98

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

