

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052721\
 Data File : BM030192.D
 Acq On : 27 May 2021 09:24
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020020

Manual Integrations
 APPROVED

mohammad
 5/27/2021 11:10:47 PM

Quant Time: May 27 10:27:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 27 10:27:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	235769	20.00	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1046275	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	698377	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1434259	20.00	ng/ul	0.00
79) Chrysene-d12	21.386	240	1244079	20.00	ng/ul	0.00
88) Perylene-d12	23.680	264	1080283	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	45673	7.93	ng/uL	0.00
4) Pyridine-d5	3.752	84	296872	18.38	ng/ul	0.00
7) Phenol-d5	7.028	99	399256	19.26	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	252011	19.26	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	306711	19.75	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	324370	19.71	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	142081	20.80	ng/ul	0.00
24) 2-Nitrophenol-d4	9.746	143	138546	21.30	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	334186	19.91	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	465490	18.68	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1025636	19.21	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1307278	18.99	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	165037	19.13	ng/ul	0.00
60) Fluorene-d10	15.480	176	878020	18.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	132993	19.13	ng/ul	0.00
73) Anthracene-d10	17.327	188	1350106	19.02	ng/ul	0.00
81) Pyrene-d10	19.610	212	1411677	21.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	1165837	19.04	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	46984	7.58	ng/uL	95
5) Pyridine	3.769	79	308590	18.61	ng/ul	99
6) Benzaldehyde	7.016	77	261593	23.65	ng/ul	98
8) Phenol	7.052	94	409759	19.46	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	329310	19.48	ng/ul	98
12) 2-Chlorophenol	7.434	128	317307	19.96	ng/ul	99
13) 2-Methylphenol	8.304	108	306590	19.25	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.399	45	549384	19.56	ng/ul	99
16) Acetophenone	8.693	105	523491	19.68	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	280258	19.97	ng/ul	99
18) 4-Methylphenol	8.634	108	338040	19.72	ng/ul	100
19) Hexachloroethane	8.957	117	129416	19.01	ng/ul	96
22) Nitrobenzene	9.069	77	375232	20.30	ng/ul	100
23) Isophorone	9.599	82	732236	18.78	ng/ul	100
25) 2-Nitrophenol	9.781	139	159030	21.65	ng/ul	97
26) 2,4-Dimethylphenol	9.834	107	375925	19.24	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.075	93	463645	19.40	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	321595	19.86	ng/ul	99
30) Naphthalene	10.716	128	1086250	18.92	ng/ul	99
32) 4-Chloroaniline	10.822	127	486303	18.85	ng/ul	100
33) Hexachlorobutadiene	11.004	225	202864	18.38	ng/ul	97
34) Caprolactam	11.587	113	90411m	18.28	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	338655	19.95	ng/ul	99
36) 2-Methylnaphthalene	12.322	142	819209	19.09	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	802844	19.24	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	432339	19.08	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	269427	16.97	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	261521	20.56	ng/ul	99
42) 2,4,5-Trichlorophenol	12.992	196	284027	20.64	ng/ul	100
43) 1,1'-Biphenyl	13.334	154	1058953	19.01	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	815032	19.04	ng/ul	99
45) 2-Nitroaniline	13.569	65	209670	21.32	ng/ul	95
47) Dimethylphthalate	13.951	163	1008091	19.11	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	183940	21.88	ng/ul	98
50) Acenaphthylene	14.216	152	1269136	19.10	ng/ul	99
51) 3-Nitroaniline	14.392	138	199895	20.40	ng/ul#	98
52) Acenaphthene	14.557	153	886673	18.89	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	141553	26.82	ng/ul	97
55) 4-Nitrophenol	14.686	109	146983	15.52	ng/ul	96
56) Dibenzofuran	14.892	168	1236079	19.02	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	262515	21.53	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	237919	20.48	ng/ul	98
59) Diethylphthalate	15.310	149	1013440	18.97	ng/ul	99
61) Fluorene	15.539	166	1049641	19.04	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	514447	19.03	ng/ul	99
63) 4-Nitroaniline	15.551	138	208022	20.65	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.610	198	134933	18.81	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	908640	19.42	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	306790	19.00	ng/ul	98
69) Hexachlorobenzene	16.539	284	347525	18.83	ng/ul	98
70) Atrazine	16.686	200	304513	18.15	ng/ul	99
71) Pentachlorophenol	16.880	266	194649	17.27	ng/ul	99
72) Phenanthrene	17.274	178	1598461	19.02	ng/ul	100
74) Anthracene	17.363	178	1645296	19.08	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	451227	19.28	ng/uL	98
76) Pentachlorobenzene	14.816	250	415295	19.13	ng/uL	99
77) Carbazole	17.627	167	1443755	18.48	ng/ul	99
78) Di-n-butylphthalate	18.192	149	1619044	18.66	ng/ul	100
80) Fluoranthene	19.280	202	1754505	21.52	ng/ul	97
82) Pyrene	19.639	202	1814423	21.30	ng/ul	100
83) Butylbenzylphthalate	20.527	149	587798	20.21	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.304	252	516322	19.60	ng/ul	100
85) Benzo(a)anthracene	21.374	228	1588154	19.38	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	872657	18.70	ng/ul	99
87) Chrysene	21.421	228	1520462	19.06	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1333678	19.20	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	1417487	19.58	ng/ul	100
91) Benzo(k)fluoranthene	23.033	252	1406932	19.71	ng/ul	99
93) Benzo(a)pyrene	23.580	252	1232456	19.29	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.015	276	1486865	18.58	ng/ul	98
95) Dibenzo(a,h)anthracene	26.027	278	1252566	18.72	ng/ul	99
96) Benzo(g,h,i)perylene	26.727	276	1215098	18.58	ng/ul	99

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

