

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
 Data File : BM031024.D
 Acq On : 20 Jul 2021 15:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 7/21/2021 11:26:33 AM

Quant Time: Jul 20 15:53:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:21:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	64208	20.000	ng	0.00
21) Naphthalene-d8	10.410	136	295941	20.000	ng	0.00
39) Acenaphthene-d10	14.268	164	221095	20.000	ng	0.00
64) Phenanthrene-d10	17.015	188	513381	20.000	ng	0.00
76) Chrysene-d12	21.209	240	594797	20.000	ng	0.00
86) Perylene-d12	23.391	264	619646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	301440	84.303	ng	0.00
7) Phenol-d6	6.822	99	443509	85.563	ng	0.00
23) Nitrobenzene-d5	8.786	82	489997	83.133	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	244646	84.737	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	1218541	82.233	ng	0.00
79) Terphenyl-d14	19.656	244	2521010	83.859	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	57932	40.320	ng	93
3) Pyridine	3.622	79	174765	42.997	ng	90
4) n-Nitrosodimethylamine	3.540	42	99929	43.257	ng	95
6) Aniline	6.981	93	234261	42.096	ng	98
8) 2-Chlorophenol	7.210	128	179130	42.560	ng	98
9) Benzaldehyde	6.792	77	129215m	41.837	ng	
10) Phenol	6.845	94	216301	43.072	ng	90
11) bis(2-Chloroethyl)ether	7.081	93	155282	41.769	ng	98
12) 1,3-Dichlorobenzene	7.528	146	191261	41.791	ng	97
13) 1,4-Dichlorobenzene	7.675	146	193652	41.578	ng	97
14) 1,2-Dichlorobenzene	7.986	146	191124	42.010	ng	96
15) Benzyl Alcohol	7.881	79	190588	43.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	201118	43.241	ng	99
17) 2-Methylphenol	8.081	107	154195	43.889	ng	97
18) Hexachloroethane	8.704	117	76684	42.655	ng	93
19) n-Nitroso-di-n-propyla...	8.445	70	159001	43.434	ng	95
20) 3+4-Methylphenols	8.404	107	214088	43.092	ng	97
22) Acetophenone	8.457	105	296810	40.514	ng	# 96
24) Nitrobenzene	8.828	77	244691	41.113	ng	97
25) Isophorone	9.357	82	440816	41.825	ng	98
26) 2-Nitrophenol	9.533	139	108259	43.198	ng	92
27) 2,4-Dimethylphenol	9.598	122	165388	41.887	ng	96
28) bis(2-Chloroethoxy)met...	9.839	93	220946	41.577	ng	98
29) 2,4-Dichlorophenol	10.057	162	196087	41.984	ng	95
30) 1,2,4-Trichlorobenzene	10.275	180	209476	40.846	ng	98
31) Naphthalene	10.457	128	630164	41.385	ng	100
32) Benzoic acid	9.745	122	142994	42.504	ng	95
33) 4-Chloroaniline	10.569	127	275877	41.997	ng	96
34) Hexachlorobutadiene	10.739	225	134866	40.953	ng	94
35) Caprolactam	11.369	113	66525	42.372	ng	97
36) 4-Chloro-3-methylphenol	11.698	107	230482	43.244	ng	95
37) 2-Methylnaphthalene	12.074	142	488716	41.638	ng	98
38) 1-Methylnaphthalene	12.292	142	464918	41.599	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.445	216	252087	40.924	ng	99
41) Hexachlorocyclopentadiene	12.421	237	143280	41.811	ng	99
43) 2,4,6-Trichlorophenol	12.692	196	181727	41.997	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	200217	41.791	ng	# 93
46) 1,1'-Biphenyl	13.098	154	635939	40.565	ng	99
47) 2-Chloronaphthalene	13.139	162	505418	41.160	ng	95
48) 2-Nitroaniline	13.351	65	170281	43.517	ng	94
49) Acenaphthylene	13.992	152	823354	41.950	ng	99
50) Dimethylphthalate	13.745	163	678358	40.906	ng	100
51) 2,6-Dinitrotoluene	13.857	165	158668	42.714	ng	86
52) Acenaphthene	14.339	154	508948	41.205	ng	98
53) 3-Nitroaniline	14.186	138	160822	42.852	ng	99
54) 2,4-Dinitrophenol	14.392	184	91873	41.936	ng	94
55) Dibenzofuran	14.674	168	832757	41.110	ng	94
56) 4-Nitrophenol	14.498	139	144154	43.436	ng	84
57) 2,4-Dinitrotoluene	14.645	165	224067	43.318	ng	88
58) Fluorene	15.321	166	706879	41.366	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.898	232	187148m	41.919	ng	
60) Diethylphthalate	15.115	149	751943	42.293	ng	98
61) 4-Chlorophenyl-phenyle...	15.327	204	350965	41.476	ng	# 87
62) 4-Nitroaniline	15.357	138	180361	43.567	ng	89
63) Azobenzene	15.615	77	748276	42.284	ng	93
65) 4,6-Dinitro-2-methylph...	15.410	198	136218	42.305	ng	85
66) n-Nitrosodiphenylamine	15.545	169	623107	41.293	ng	99
67) 4-Bromophenyl-phenylether	16.215	248	218177	41.075	ng	92
68) Hexachlorobenzene	16.321	284	249343	41.658	ng	95
69) Atrazine	16.504	200	232168	41.910	ng	99
70) Pentachlorophenol	16.668	266	169597	43.339	ng	96
71) Phenanthrene	17.062	178	1176781	41.394	ng	100
72) Anthracene	17.151	178	1165036	41.558	ng	99
73) Carbazole	17.427	167	1164625	41.967	ng	99
74) Di-n-butylphthalate	18.003	149	1400563	42.962	ng	99
75) Fluoranthene	19.080	202	1491660	41.928	ng	100
77) Benzidine	19.274	184	673048	45.835	ng	99
78) Pyrene	19.445	202	1556739	41.912	ng	99
80) Butylbenzylphthalate	20.362	149	691497	43.603	ng	99
81) Benzo(a)anthracene	21.192	228	1648575	41.822	ng	99
82) 3,3'-Dichlorobenzidine	21.133	252	464657	43.001	ng	99
83) Chrysene	21.244	228	1586216	41.419	ng	99
84) Bis(2-ethylhexyl)phtha...	21.144	149	1073713	43.699	ng	97
85) Di-n-octyl phthalate	22.009	149	1835479	43.626	ng	98
87) Indeno(1,2,3-cd)pyrene	25.574	276	1842561	41.613	ng	100
88) Benzo(b)fluoranthene	22.744	252	1687106	41.089	ng	99
89) Benzo(k)fluoranthene	22.786	252	1670256	43.495	ng	99
90) Benzo(a)pyrene	23.297	252	1579570	42.735	ng	99
91) Dibenzo(a,h)anthracene	25.579	278	1601376	41.779	ng	100
92) Benzo(g,h,i)perylene	26.232	276	1528108	41.843	ng	99

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

