

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
 Data File : BP010730.D
 Acq On : 15 Jun 2022 14:45
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022
 Supervised By :Yogesh Patel 06/16/2022

Quant Time: Jun 16 00:02:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 00:00:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	77466	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	304360	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	212262	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	475979	20.000	ng	0.00
76) Chrysene-d12	21.316	240	514569	20.000	ng	# 0.00
86) Perylene-d12	23.710	264	513385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	341256	76.029	ng	0.00
7) Phenol-d6	7.010	99	468311	76.292	ng	0.00
23) Nitrobenzene-d5	8.993	82	530105	82.021	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	286340	99.062	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	1223816	82.942	ng	0.00
79) Terphenyl-d14	19.786	244	2242097	81.476	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.322	88	64229	35.601	ng	# 96
3) Pyridine	3.728	79	188776	37.006	ng	92
4) n-Nitrosodimethylamine	3.634	42	133459	46.885	ng	82
6) Aniline	7.163	93	269532	37.558	ng	99
8) 2-Chlorophenol	7.399	128	190018	38.990	ng	98
9) Benzaldehyde	6.975	77	122439m	33.009	ng	
10) Phenol	7.034	94	237414	37.488	ng	93
11) bis(2-Chloroethyl)ether	7.257	93	179685	36.923	ng	100
12) 1,3-Dichlorobenzene	7.716	146	223763	40.109	ng	97
13) 1,4-Dichlorobenzene	7.863	146	232105	40.657	ng	99
14) 1,2-Dichlorobenzene	8.181	146	221121	40.236	ng	98
15) Benzyl Alcohol	8.075	79	190368	39.095	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	331634	40.540	ng	98
17) 2-Methylphenol	8.281	107	167306	39.124	ng	96
18) Hexachloroethane	8.904	117	89792	40.532	ng	92
19) n-Nitroso-di-n-propyla...	8.646	70	169089	39.059	ng	92
20) 3+4-Methylphenols	8.610	107	229319	39.068	ng	96
22) Acetophenone	8.657	105	319083	39.337	ng	# 96
24) Nitrobenzene	9.034	77	259138	39.713	ng	98
25) Isophorone	9.563	82	429956	38.873	ng	98
26) 2-Nitrophenol	9.746	139	110331	41.142	ng	91
27) 2,4-Dimethylphenol	9.810	122	155957	39.670	ng	98
28) bis(2-Chloroethoxy)met...	10.046	93	225184	37.802	ng	98
29) 2,4-Dichlorophenol	10.287	162	196237	42.381	ng	95
30) 1,2,4-Trichlorobenzene	10.493	180	233740	43.675	ng	98
31) Naphthalene	10.681	128	653761	40.253	ng	99
32) Benzoic acid	9.981	122	118432	38.023	ng	99
33) 4-Chloroaniline	10.798	127	258183	40.471	ng	100
34) Hexachlorobutadiene	10.963	225	172016	47.372	ng	97
35) Caprolactam	11.593	113	60836	38.573	ng	94
36) 4-Chloro-3-methylphenol	11.928	107	226306	40.943	ng	98
37) 2-Methylnaphthalene	12.293	142	477090	42.129	ng	98
38) 1-Methylnaphthalene	12.510	142	464047	41.645	ng	98
40) 1,2,4,5-Tetrachloroben...	12.663	216	282203	43.217	ng	99
41) Hexachlorocyclopentadiene	12.640	237	134897	44.942	ng	100
43) 2,4,6-Trichlorophenol	12.904	196	180070	42.503	ng	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	203535	43.191	ng	98
46) 1,1'-Biphenyl	13.304	154	625762	39.974	ng	99
47) 2-Chloronaphthalene	13.345	162	499200	40.755	ng	99
48) 2-Nitroaniline	13.551	65	181541	39.991	ng	93
49) Acenaphthylene	14.192	152	778725	40.101	ng	99
50) Dimethylphthalate	13.934	163	642968	39.846	ng	99
51) 2,6-Dinitrotoluene	14.051	165	138688	40.324	ng	95
52) Acenaphthene	14.534	154	473559	40.216	ng	96
53) 3-Nitroaniline	14.381	138	137882	39.172	ng	96
54) 2,4-Dinitrophenol	14.598	184	81487	39.509	ng	97
55) Dibenzofuran	14.869	168	777719	41.083	ng	99
56) 4-Nitrophenol	14.704	139	102807	39.027	ng	92
57) 2,4-Dinitrotoluene	14.845	165	197477	41.256	ng	96
58) Fluorene	15.522	166	653448	41.426	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	195456	45.548	ng	96
60) Diethylphthalate	15.292	149	672494	40.705	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	344111	42.977	ng	97
62) 4-Nitroaniline	15.545	138	149089	41.277	ng	93
63) Azobenzene	15.804	77	672588	40.587	ng	96
65) 4,6-Dinitro-2-methylph...	15.610	198	126056	42.204	ng	98
66) n-Nitrosodiphenylamine	15.728	169	558294	40.164	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	229208	44.237	ng	97
68) Hexachlorobenzene	16.533	284	269336	44.952	ng	# 92
69) Atrazine	16.686	200	208389	42.154	ng	99
70) Pentachlorophenol	16.881	266	148566	45.500	ng	# 60
71) Phenanthrene	17.269	178	1059293	40.476	ng	99
72) Anthracene	17.357	178	1025445	40.523	ng	99
73) Carbazole	17.633	167	903747	40.014	ng	100
74) Di-n-butylphthalate	18.180	149	1165273	39.337	ng	100
75) Fluoranthene	19.233	202	1293975	41.779	ng	98
77) Benzidine	19.416	184	406139	40.390	ng	98
78) Pyrene	19.586	202	1336291	38.492	ng	99
80) Butylbenzylphthalate	20.463	149	541629	36.396	ng	96
81) Benzo(a)anthracene	21.298	228	1368413	39.999	ng	100
82) 3,3'-Dichlorobenzidine	21.233	252	400303	40.092	ng	97
83) Chrysene	21.351	228	1326675	40.611	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	784266	37.108	ng	99
85) Di-n-octyl phthalate	22.139	149	1309110	36.860	ng	100
87) Indeno(1,2,3-cd)pyrene	26.209	276	1540723	41.245	ng	# 94
88) Benzo(b)fluoranthene	22.980	252	1304430m	40.718	ng	
89) Benzo(k)fluoranthene	23.027	252	1333910	40.854	ng	98
90) Benzo(a)pyrene	23.604	252	1091057	40.683	ng	# 97
91) Dibenzo(a,h)anthracene	26.221	278	1302812	41.696	ng	# 96
92) Benzo(g,h,i)perylene	26.974	276	1274854	41.164	ng	# 95

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

