

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032322\
 Data File : BP009514.D
 Acq On : 23 Mar 2022 19:45
 Operator : CG/JU
 Sample : N2031-14MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CMP-B2-031822-2-5MSD

Quant Time: Mar 24 01:21:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 01:19:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/24/2022
 Supervised By : Jagrut Upadhyay 03/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	499885	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	2125048	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	1330123	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	2660557	20.000	ng	0.00
76) Chrysene-d12	21.316	240	2150427	20.000	ng	0.00
86) Perylene-d12	23.715	264	2010854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	3682389	128.614	ng	0.00
7) Phenol-d6	6.981	99	4800447	123.979	ng	0.00
23) Nitrobenzene-d5	8.946	82	2971553	74.309	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	2073293	94.458	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	6792721	70.796	ng	0.00
79) Terphenyl-d14	19.775	244	9252328	77.226	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	435334	38.388	ng	98
3) Pyridine	3.717	79	1197375	39.203	ng	98
4) n-Nitrosodimethylamine	3.628	42	536776	47.720	ng	99
6) Aniline	7.122	93	1861048	42.172	ng	97
8) 2-Chlorophenol	7.363	128	1618545	49.575	ng	97
9) Benzaldehyde	6.934	77	785496	42.964	ng	97
10) Phenol	7.010	94	2031441	52.296	ng	99
11) bis(2-Chloroethyl)ether	7.216	93	1465162	47.659	ng	98
12) 1,3-Dichlorobenzene	7.675	146	1636203	44.403	ng	99
13) 1,4-Dichlorobenzene	7.822	146	1663112	44.143	ng	100
14) 1,2-Dichlorobenzene	8.140	146	1617183	44.410	ng	98
15) Benzyl Alcohol	8.040	79	1384973	44.863	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1687762	50.645	ng	97
17) 2-Methylphenol	8.246	107	1336859	49.941	ng	99
18) Hexachloroethane	8.863	117	590289	44.707	ng	95
19) n-Nitroso-di-n-propyla...	8.604	70	1148372	46.890	ng	97
20) 3+4-Methylphenols	8.575	107	1824284	49.563	ng	98
22) Acetophenone	8.616	105	2229500	42.389	ng	# 98
24) Nitrobenzene	8.987	77	1696388	44.906	ng	97
25) Isophorone	9.522	82	3238193	47.473	ng	98
26) 2-Nitrophenol	9.699	139	877593	44.569	ng	95
27) 2,4-Dimethylphenol	9.775	122	1497302	53.889	ng	100
28) bis(2-Chloroethoxy)met...	9.999	93	1979261	44.565	ng	98
29) 2,4-Dichlorophenol	10.246	162	1574109	46.446	ng	98
30) 1,2,4-Trichlorobenzene	10.446	180	1632462	41.575	ng	98
31) Naphthalene	10.634	128	4696169	42.903	ng	100
32) Benzoic acid	9.987	122	1007059	46.359	ng	95
33) 4-Chloroaniline	10.751	127	758808	16.988	ng	98
34) Hexachlorobutadiene	10.922	225	1026040	38.565	ng	100
35) Caprolactam	11.557	113	483838m	42.301	ng	
36) 4-Chloro-3-methylphenol	11.898	107	1598159	43.883	ng	99
37) 2-Methylnaphthalene	12.245	142	3349430	43.611	ng	99
38) 1-Methylnaphthalene	12.469	142	3219258	43.028	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	1868924	42.348	ng	99
41) Hexachlorocyclopentadiene	12.604	237	1503589	78.427	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	1269416	43.396	ng	100

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44) 2,4,5-Trichlorophenol	12.945	196	1369748	43.121	ng	98
46) 1,1'-Biphenyl	13.263	154	4295963	43.294	ng	99
47) 2-Chloronaphthalene	13.304	162	3369306	43.128	ng	99
48) 2-Nitroaniline	13.516	65	953150	44.796	ng	96
49) Acenaphthylene	14.151	152	5513193	45.715	ng	99
50) Dimethylphthalate	13.898	163	4163448	41.309	ng	99
51) 2,6-Dinitrotoluene	14.016	165	925800	43.841	ng	98
52) Acenaphthene	14.498	154	3090230	42.895	ng	99
53) 3-Nitroaniline	14.345	138	663610	29.752	ng	97
54) 2,4-Dinitrophenol	14.563	184	1010390	77.170	ng	98
55) Dibenzofuran	14.834	168	4960729	40.988	ng	99
56) 4-Nitrophenol	14.681	139	1493789	89.846	ng	99
57) 2,4-Dinitrotoluene	14.810	165	1252315	43.130	ng	98
58) Fluorene	15.486	166	3889463	40.862	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.075	232	1146989	39.830	ng	95
60) Diethylphthalate	15.269	149	4105168	40.697	ng	100
61) 4-Chlorophenyl-phenyle...	15.481	204	2073853	39.552	ng	97
62) 4-Nitroaniline	15.516	138	886389	37.840	ng	98
63) Azobenzene	15.781	77	3789623	43.187	ng	97
65) 4,6-Dinitro-2-methylph...	15.581	198	671675	39.261	ng	97
66) n-Nitrosodiphenylamine	15.704	169	3503871	44.503	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	1353025	41.559	ng	94
68) Hexachlorobenzene	16.504	284	1530072	40.836	ng	98
69) Atrazine	16.669	200	1288671	46.553	ng	99
70) Pentachlorophenol	16.857	266	1817978	90.766	ng	99
71) Phenanthrene	17.239	178	6141191	43.120	ng	99
72) Anthracene	17.333	178	6136555	43.641	ng	98
73) Carbazole	17.610	167	5601663	40.734	ng	99
74) Di-n-butylphthalate	18.169	149	6916266	42.919	ng	99
75) Fluoranthene	19.222	202	7106885	41.218	ng	99
77) Benzidine	19.404	184	3321040	63.006	ng	100
78) Pyrene	19.575	202	7164649	50.561	ng	99
80) Butylbenzylphthalate	20.457	149	2976827	49.425	ng	97
81) Benzo(a)anthracene	21.298	228	6340292	44.877	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	1895254	34.725	ng	98
83) Chrysene	21.351	228	5786755	43.255	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	4142310	49.342	ng	100
85) Di-n-octyl phthalate	22.157	149	6666971	46.073	ng	98
87) Indeno(1,2,3-cd)pyrene	26.227	276	6247501	40.951	ng	97
88) Benzo(b)fluoranthene	22.986	252	5851768	48.747	ng	99
89) Benzo(k)fluoranthene	23.033	252	5377369	45.752	ng	99
90) Benzo(a)pyrene	23.610	252	5427540	52.845	ng	99
91) Dibenzo(a,h)anthracene	26.239	278	5399133	42.464	ng	98
92) Benzo(g,h,i)perylene	26.992	276	5463050	43.676	ng	97

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

