

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008398.D
 Acq On : 14 Dec 2021 17:24
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP121421

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/15/2021
 Supervised By : Jagrut Upadhyay 12/15/2021

Quant Time: Dec 14 18:31:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	71043	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	270158	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	181177	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	366684	20.000	ng	0.00
76) Chrysene-d12	21.269	240	308223	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	300704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	350193	77.846	ng	0.00
7) Phenol-d6	6.940	99	493296	81.647	ng	0.00
23) Nitrobenzene-d5	8.911	82	521857	81.835	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	237661	89.261	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	1155010	81.039	ng	0.00
79) Terphenyl-d14	19.733	244	1628047	91.928	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	70284	41.250	ng	95
3) Pyridine	3.652	79	210410m	38.801	ng	
4) n-Nitrosodimethylamine	3.558	42	83783	39.148	ng	# 92
6) Aniline	7.081	93	292589	41.839	ng	97
8) 2-Chlorophenol	7.316	128	186278	40.628	ng	99
9) Benzaldehyde	6.893	77	137473	41.038	ng	98
10) Phenol	6.969	94	249225	40.621	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	199063	38.890	ng	98
12) 1,3-Dichlorobenzene	7.634	146	209897	39.586	ng	98
13) 1,4-Dichlorobenzene	7.781	146	214331	39.720	ng	98
14) 1,2-Dichlorobenzene	8.093	146	209820	40.107	ng	97
15) Benzyl Alcohol	7.999	79	208505	42.902	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.275	45	285544	39.430	ng	99
17) 2-Methylphenol	8.211	107	169118	41.667	ng	97
18) Hexachloroethane	8.816	117	80608	40.268	ng	93
19) n-Nitroso-di-n-propyla...	8.563	70	179614	40.080	ng	100
20) 3+4-Methylphenols	8.540	107	237799	42.539	ng	97
22) Acetophenone	8.575	105	327319	41.198	ng	99
24) Nitrobenzene	8.952	77	246361	41.161	ng	97
25) Isophorone	9.487	82	454529	42.596	ng	98
26) 2-Nitrophenol	9.663	139	112178	42.411	ng	# 95
27) 2,4-Dimethylphenol	9.740	122	158854	41.880	ng	97
28) bis(2-Chloroethoxy)met...	9.963	93	279492	42.371	ng	# 98
29) 2,4-Dichlorophenol	10.210	162	194861	41.804	ng	98
30) 1,2,4-Trichlorobenzene	10.405	180	224445	40.618	ng	95
31) Naphthalene	10.593	128	582319	41.104	ng	99
32) Benzoic acid	9.963	122	133352	47.958	ng	99
33) 4-Chloroaniline	10.716	127	248431	43.774	ng	98
34) Hexachlorobutadiene	10.875	225	165594	40.996	ng	97
35) Caprolactam	11.540	113	41248m	46.731	ng	
36) 4-Chloro-3-methylphenol	11.863	107	228847	43.938	ng	97
37) 2-Methylnaphthalene	12.210	142	420102	43.024	ng	98
38) 1-Methylnaphthalene	12.428	142	409744	43.102	ng	99
40) 1,2,4,5-Tetrachloroben...	12.587	216	276078	39.885	ng	99
41) Hexachlorocyclopentadiene	12.557	237	64851	38.845	ng	97
43) 2,4,6-Trichlorophenol	12.840	196	180577	41.524	ng	100

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44) 2,4,5-Trichlorophenol	12.928	196	192290	42.396	ng	98
46) 1,1'-Biphenyl	13.228	154	571179	40.805	ng	97
47) 2-Chloronaphthalene	13.269	162	452703	40.548	ng	99
48) 2-Nitroaniline	13.493	65	160952	42.862	ng	97
49) Acenaphthylene	14.122	152	674055	41.069	ng	99
50) Dimethylphthalate	13.869	163	594111	43.310	ng	99
51) 2,6-Dinitrotoluene	13.993	165	125851	43.948	ng	95
52) Acenaphthene	14.463	154	400148	40.989	ng	99
53) 3-Nitroaniline	14.322	138	119295	44.219	ng	97
54) 2,4-Dinitrophenol	14.551	184	70822m	47.377	ng	
55) Dibenzofuran	14.798	168	685512	41.276	ng	99
56) 4-Nitrophenol	14.675	139	72882	46.539	ng	# 81
57) 2,4-Dinitrotoluene	14.793	165	169423	44.284	ng	# 90
58) Fluorene	15.457	166	541253	42.039	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	167829m	43.320	ng	
60) Diethylphthalate	15.234	149	566170	43.490	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	311018	42.278	ng	99
62) 4-Nitroaniline	15.498	138	108089	44.496	ng	90
63) Azobenzene	15.745	77	557967	42.277	ng	97
65) 4,6-Dinitro-2-methylph...	15.563	198	110660	46.190	ng	99
66) n-Nitrosodiphenylamine	15.669	169	472162	40.898	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	199336	41.737	ng	99
68) Hexachlorobenzene	16.469	284	217831	41.415	ng	94
69) Atrazine	16.634	200	114843	45.154	ng	98
70) Pentachlorophenol	16.828	266	107167	45.591	ng	98
71) Phenanthrene	17.204	178	818263	41.195	ng	100
72) Anthracene	17.298	178	816049	41.641	ng	100
73) Carbazole	17.581	167	747568	41.686	ng	100
74) Di-n-butylphthalate	18.128	149	903215	43.899	ng	99
75) Fluoranthene	19.186	202	928338	41.397	ng	98
77) Benzidine	19.375	184	147965	47.327	ng	98
78) Pyrene	19.539	202	938195	42.544	ng	100
80) Butylbenzylphthalate	20.416	149	355198	44.240	ng	93
81) Benzo(a)anthracene	21.251	228	854473	41.366	ng	99
82) 3,3'-Dichlorobenzidine	21.186	252	377416	39.711	ng	99
83) Chrysene	21.304	228	809954	41.050	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	473770	41.910	ng	# 98
85) Di-n-octyl phthalate	22.086	149	767054	39.342	ng	98
87) Indeno(1,2,3-cd)pyrene	26.110	276	953469	40.281	ng	96
88) Benzo(b)fluoranthene	22.916	252	756582	41.826	ng	98
89) Benzo(k)fluoranthene	22.963	252	748563	41.036	ng	99
90) Benzo(a)pyrene	23.533	252	639867	40.756	ng	# 98
91) Dibenzo(a,h)anthracene	26.115	278	793138	40.028	ng	# 97
92) Benzo(g,h,i)perylene	26.863	276	786720	40.095	ng	95

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

