

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120921\
 Data File : BP008324.D
 Acq On : 09 Dec 2021 22:15
 Operator : CG/JU
 Sample : M4967-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7DMS

Quant Time: Dec 10 04:12:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	70429	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	250842	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	152671	20.000	ng	-0.01
64) Phenanthrene-d10	17.180	188	308907	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	346252	20.000	ng	0.00
86) Perylene-d12	23.674	264	404131	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	481291	110.029	ng	0.00
7) Phenol-d6	6.957	99	620132	105.020	ng	0.00
23) Nitrobenzene-d5	8.928	82	423135	76.707	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	204581	104.838	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	773944	73.634	ng	0.00
79) Terphenyl-d14	19.757	244	1121968	67.720	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	97129	47.595	ng	96
3) Pyridine	3.669	79	256228	47.043	ng	98
4) n-Nitrosodimethylamine	3.581	42	128282	56.466	ng	99
6) Aniline	7.098	93	251630	36.353	ng	96
8) 2-Chlorophenol	7.340	128	229843	51.330	ng	98
9) Benzaldehyde	6.910	77	145902	45.183	ng	95
10) Phenol	6.987	94	328101	54.071	ng	97
11) bis(2-Chloroethyl)ether	7.198	93	247395	51.008	ng	97
12) 1,3-Dichlorobenzene	7.657	146	258077	49.932	ng	98
13) 1,4-Dichlorobenzene	7.798	146	264867	50.545	ng	98
14) 1,2-Dichlorobenzene	8.116	146	250131	47.996	ng	97
15) Benzyl Alcohol	8.016	79	254365	54.369	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.304	45	383152	52.356	ng	99
17) 2-Methylphenol	8.228	107	202283	51.241	ng	96
18) Hexachloroethane	8.839	117	100102	51.374	ng	93
19) n-Nitroso-di-n-propyla...	8.581	70	197738	48.395	ng	99
20) 3+4-Methylphenols	8.557	107	271472	49.827	ng	97
22) Acetophenone	8.598	105	358638	52.270	ng	# 98
24) Nitrobenzene	8.975	77	298506	55.800	ng	99
25) Isophorone	9.504	82	501866	52.003	ng	98
26) 2-Nitrophenol	9.687	139	121232	52.525	ng	97
27) 2,4-Dimethylphenol	9.757	122	205107	59.419	ng	98
28) bis(2-Chloroethoxy)met...	9.981	93	305175	49.616	ng	99
29) 2,4-Dichlorophenol	10.234	162	217384	52.729	ng	96
30) 1,2,4-Trichlorobenzene	10.428	180	243032	50.790	ng	98
31) Naphthalene	10.610	128	656527	51.092	ng	100
32) Benzoic acid	9.951	122	133967	47.445	ng	92
33) 4-Chloroaniline	10.739	127	88674	16.634	ng	95
34) Hexachlorobutadiene	10.898	225	171772	52.455	ng	96
35) Caprolactam	11.545	113	65812	71.865	ng	# 85
36) 4-Chloro-3-methylphenol	11.881	107	243451	51.657	ng	94
37) 2-Methylnaphthalene	12.233	142	463321	50.980	ng	97
38) 1-Methylnaphthalene	12.451	142	429996	48.607	ng	98
40) 1,2,4,5-Tetrachloroben...	12.604	216	269793	54.401	ng	99
41) Hexachlorocyclopentadiene	12.580	237	216801	113.708	ng	100
43) 2,4,6-Trichlorophenol	12.857	196	173401	51.607	ng	99

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44) 2,4,5-Trichlorophenol	12.939	196	185732	51.586	ng	97
46) 1,1'-Biphenyl	13.251	154	572213	51.658	ng	98
47) 2-Chloronaphthalene	13.292	162	462992	52.927	ng	99
48) 2-Nitroaniline	13.504	65	173046	57.405	ng	94
49) Acenaphthylene	14.139	152	701586	51.988	ng	100
50) Dimethylphthalate	13.886	163	563953	49.192	ng	100
51) 2,6-Dinitrotoluene	14.004	165	124473	52.315	ng	95
52) Acenaphthene	14.480	154	413007	51.353	ng	98
53) 3-Nitroaniline	14.339	138	63665	26.403	ng	91
54) 2,4-Dinitrophenol	14.563	184	125403	89.142	ng	89
55) Dibenzofuran	14.822	168	671523	48.861	ng	98
56) 4-Nitrophenol	14.680	139	179201	96.960	ng	84
57) 2,4-Dinitrotoluene	14.804	165	171446	52.506	ng	# 87
58) Fluorene	15.474	166	532481	47.687	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.057	232	148472m	46.374	ng	
60) Diethylphthalate	15.251	149	558452	49.087	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	283003	46.207	ng	100
62) 4-Nitroaniline	15.510	138	117699	47.040	ng	92
63) Azobenzene	15.763	77	613511	52.720	ng	98
65) 4,6-Dinitro-2-methylph...	15.580	198	94161	46.604	ng	91
66) n-Nitrosodiphenylamine	15.686	169	468121	52.315	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	178984	52.106	ng	98
68) Hexachlorobenzene	16.486	284	197615	53.819	ng	99
69) Atrazine	16.657	200	185501	79.877	ng	97
70) Pentachlorophenol	16.845	266	206254	94.466	ng	99
71) Phenanthrene	17.227	178	838891	51.435	ng	100
72) Anthracene	17.316	178	865968	53.501	ng	99
73) Carbazole	17.598	167	775449	49.078	ng	99
74) Di-n-butylphthalate	18.151	149	948907	47.975	ng	99
75) Fluoranthene	19.204	202	1027801	46.779	ng	99
77) Benzidine	19.392	184	527155	110.989	ng	99
78) Pyrene	19.557	202	1057242	48.690	ng	100
80) Butylbenzylphthalate	20.439	149	447523	45.388	ng	99
81) Benzo(a)anthracene	21.274	228	1110142	48.376	ng	99
82) 3,3'-Dichlorobenzidine	21.209	252	281735	26.058	ng	98
83) Chrysene	21.327	228	1081803	49.540	ng	100
84) Bis(2-ethylhexyl)phtha...	21.204	149	680631	45.466	ng	99
85) Di-n-octyl phthalate	22.121	149	1179376	46.376	ng	99
87) Indeno(1,2,3-cd)pyrene	26.168	276	1600303	54.430	ng	98
88) Benzo(b)fluoranthene	22.951	252	1257103	51.599	ng	99
89) Benzo(k)fluoranthene	22.998	252	1218393	51.082	ng	99
90) Benzo(a)pyrene	23.574	252	1255963	60.318	ng	98
91) Dibenzo(a,h)anthracene	26.180	278	1362869	55.815	ng	99
92) Benzo(g,h,i)perylene	26.927	276	1365372	55.428	ng	97

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

