

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008264.D
 Acq On : 07 Dec 2021 22:55
 Operator : CG/JU
 Sample : M4949-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

VNJ-221MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021

Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 01:11:52 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 03 14:39:24 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	63140	20.000	ng	-0.02
21) Naphthalene-d8	10.581	136	228386	20.000	ng	-0.02
39) Acenaphthene-d10	14.434	164	140994	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	290788	20.000	ng	-0.02
76) Chrysene-d12	21.304	240	335789	20.000	ng	#-0.01
86) Perylene-d12	23.698	264	407220	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	444229	113.280	ng	-0.01
7) Phenol-d6	6.975	99	567681	107.236	ng	-0.01
23) Nitrobenzene-d5	8.946	82	380099	75.680	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	218801	121.412	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	758908	78.184	ng	-0.02
79) Terphenyl-d14	19.769	244	1116998	69.521	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	74112	40.509	ng	100
3) Pyridine	3.681	79	176129	36.070	ng	99
4) n-Nitrosodimethylamine	3.593	42	98998	48.607	ng	97
6) Aniline	7.111	93	172802	27.847	ng	97
8) 2-Chlorophenol	7.352	128	195455	48.689	ng	96
9) Benzaldehyde	6.928	77	113687	38.617	ng	98
10) Phenol	6.999	94	274686	50.494	ng	98
11) bis(2-Chloroethyl)ether	7.211	93	198022	45.542	ng	99
12) 1,3-Dichlorobenzene	7.669	146	215809	46.574	ng	99
13) 1,4-Dichlorobenzene	7.816	146	223133	47.496	ng	98
14) 1,2-Dichlorobenzene	8.134	146	213720	45.743	ng	99
15) Benzyl Alcohol	8.034	79	206958	49.343	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.316	45	282640	43.080	ng	99
17) 2-Methylphenol	8.246	107	165477	46.756	ng	98
18) Hexachloroethane	8.858	117	82841	47.424	ng	95
19) n-Nitroso-di-n-propyla...	8.599	70	156851	42.820	ng	99
20) 3+4-Methylphenols	8.575	107	220195	45.081	ng	97
22) Acetophenone	8.610	105	290630	46.523	ng	# 98
24) Nitrobenzene	8.987	77	235351	48.320	ng	97
25) Isophorone	9.522	82	397719	45.263	ng	99
26) 2-Nitrophenol	9.699	139	103561	49.280	ng	94
27) 2,4-Dimethylphenol	9.769	122	169318	53.874	ng	98
28) bis(2-Chloroethoxy)met...	9.999	93	243159	43.421	ng	99
29) 2,4-Dichlorophenol	10.246	162	186279	49.627	ng	100
30) 1,2,4-Trichlorobenzene	10.446	180	207346	47.593	ng	96
31) Naphthalene	10.628	128	548540	46.886	ng	99
32) Benzoic acid	9.957	122	122535	47.663	ng	98
33) 4-Chloroaniline	10.752	127	58141	11.979	ng	99
34) Hexachlorobutadiene	10.916	225	146259	49.056	ng	99
35) Caprolactam	11.557	113	56636	67.926	ng	100
36) 4-Chloro-3-methylphenol	11.899	107	206461	48.116	ng	96
37) 2-Methylnaphthalene	12.246	142	392755	47.465	ng	95
38) 1-Methylnaphthalene	12.469	142	362829	45.047	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	236948	51.736	ng	100
41) Hexachlorocyclopentadiene	12.599	237	154334	87.649	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	153117	49.344	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	165604	49.805	ng	99
46) 1,1'-Biphenyl	13.263	154	490133	47.913	ng	98
47) 2-Chloronaphthalene	13.304	162	398740	49.357	ng	99
48) 2-Nitroaniline	13.522	65	141067	50.673	ng	94
49) Acenaphthylene	14.151	152	614196	49.281	ng	99
50) Dimethylphthalate	13.898	163	497878	47.025	ng	100
51) 2,6-Dinitrotoluene	14.016	165	110402	50.244	ng	99
52) Acenaphthene	14.498	154	357124	48.082	ng	100
53) 3-Nitroaniline	14.351	138	75745	34.014	ng	94
54) 2,4-Dinitrophenol	14.575	184	100312	77.212	ng	95
55) Dibenzofuran	14.834	168	581624	45.825	ng	98
56) 4-Nitrophenol	14.693	139	162084	94.962	ng	90
57) 2,4-Dinitrotoluene	14.816	165	149054	49.429	ng	94
58) Fluorene	15.487	166	463572	44.954	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	141224m	47.763	ng	
60) Diethylphthalate	15.263	149	485906	46.247	ng	100
61) 4-Chlorophenyl-phenyle...	15.481	204	249063	44.033	ng	99
62) 4-Nitroaniline	15.522	138	100827	43.635	ng	94
63) Azobenzene	15.775	77	490350	45.627	ng	98
65) 4,6-Dinitro-2-methylph...	15.587	198	67471	35.474	ng	97
66) n-Nitrosodiphenylamine	15.698	169	411269	48.826	ng	100
67) 4-Bromophenyl-phenylether	16.381	248	161374	49.906	ng	98
68) Hexachlorobenzene	16.504	284	180292	52.161	ng	96
69) Atrazine	16.663	200	165256	75.594	ng	99
70) Pentachlorophenol	16.857	266	201363	97.972	ng	98
71) Phenanthrene	17.239	178	757275	49.324	ng	100
72) Anthracene	17.328	178	763880	50.135	ng	99
73) Carbazole	17.610	167	674204	45.329	ng	100
74) Di-n-butylphthalate	18.163	149	816296	43.842	ng	99
75) Fluoranthene	19.216	202	946929	45.784	ng	98
77) Benzidine	19.404	184	472416	102.563	ng	98
78) Pyrene	19.569	202	973195	46.077	ng	99
80) Butylbenzylphthalate	20.445	149	389870	40.773	ng	98
81) Benzo(a)anthracene	21.286	228	1055012	47.406	ng	100
82) 3,3'-Dichlorobenzidine	21.222	252	351319	33.506	ng	98
83) Chrysene	21.339	228	1031039	48.686	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	588362	40.527	ng	98
85) Di-n-octyl phthalate	22.133	149	1062634	43.087	ng	99
87) Indeno(1,2,3-cd)pyrene	26.204	276	1558376	52.602	ng	96
88) Benzo(b)fluoranthene	22.969	252	1248760	50.868	ng	99
89) Benzo(k)fluoranthene	23.016	252	1189790	49.504	ng	99
90) Benzo(a)pyrene	23.592	252	1224271	58.350	ng	99
91) Dibenzo(a,h)anthracene	26.210	278	1305542	53.062	ng	98
92) Benzo(g,h,i)perylene	26.962	276	1319127	53.144	ng	97

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

