

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008145.D
 Acq On : 29 Nov 2021 17:05
 Operator : CG/JU
 Sample : M4844-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K-1MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 30 00:04:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	80602	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	293269	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	186696	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	413172	20.000	ng	0.00
76) Chrysene-d12	21.310	240	518217	20.000	ng	0.00
86) Perylene-d12	23.704	264	598372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	487609	97.404	ng	-0.01
7) Phenol-d6	6.987	99	625220	92.518	ng	-0.01
23) Nitrobenzene-d5	8.963	82	424284	65.788	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	266026	111.481	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	859366	66.861	ng	-0.01
79) Terphenyl-d14	19.780	244	1567862	63.230	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	83952	35.946	ng	96
3) Pyridine	3.705	79	223496	35.854	ng	98
4) n-Nitrosodimethylamine	3.611	42	116539	44.823	ng	97
6) Aniline	7.134	93	213021	26.891	ng	97
8) 2-Chlorophenol	7.375	128	226722	44.242	ng	97
9) Benzaldehyde	6.946	77	141541	37.538	ng	99
10) Phenol	7.010	94	312829	45.047	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	229074	41.270	ng	98
12) 1,3-Dichlorobenzene	7.693	146	255985	43.276	ng	99
13) 1,4-Dichlorobenzene	7.840	146	257977	43.017	ng	97
14) 1,2-Dichlorobenzene	8.157	146	247697	41.530	ng	98
15) Benzyl Alcohol	8.052	79	238411	44.527	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	333612	39.833	ng	99
17) 2-Methylphenol	8.257	107	197537	43.723	ng	98
18) Hexachloroethane	8.881	117	94571	42.410	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	177608	37.982	ng	99
20) 3+4-Methylphenols	8.587	107	260396	41.762	ng	99
22) Acetophenone	8.628	105	339514	42.324	ng	99
24) Nitrobenzene	9.004	77	276575	44.221	ng	97
25) Isophorone	9.540	82	464540	41.172	ng	100
26) 2-Nitrophenol	9.716	139	117229	43.442	ng	95
27) 2,4-Dimethylphenol	9.787	122	200318	49.637	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	278635	38.748	ng	97
29) 2,4-Dichlorophenol	10.257	162	217976	45.224	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	248229	44.371	ng	98
31) Naphthalene	10.651	128	651913	43.393	ng	100
32) Benzoic acid	9.951	122	153301	46.438	ng	97
33) 4-Chloroaniline	10.769	127	96349	15.459	ng	98
34) Hexachlorobutadiene	10.940	225	172590	45.080	ng	99
35) Caprolactam	11.569	113	66107	61.744	ng	95
36) 4-Chloro-3-methylphenol	11.910	107	239218	43.416	ng	96
37) 2-Methylnaphthalene	12.269	142	463882	43.657	ng	97
38) 1-Methylnaphthalene	12.487	142	433165	41.882	ng	99
40) 1,2,4,5-Tetrachloroben...	12.640	216	278350	45.898	ng	100
41) Hexachlorocyclopentadiene	12.616	237	147556	63.286	ng	98
43) 2,4,6-Trichlorophenol	12.887	196	183561	44.675	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	200173	45.465	ng	98
46) 1,1'-Biphenyl	13.281	154	578863	42.734	ng	98
47) 2-Chloronaphthalene	13.322	162	478761	44.756	ng	100
48) 2-Nitroaniline	13.528	65	168089	45.599	ng	100
49) Acenaphthylene	14.169	152	747615	45.302	ng	100
50) Dimethylphthalate	13.916	163	567515	40.481	ng	99
51) 2,6-Dinitrotoluene	14.034	165	127391	43.783	ng	98
52) Acenaphthene	14.516	154	438519	44.588	ng	99
53) 3-Nitroaniline	14.357	138	74212	25.168	ng	99
54) 2,4-Dinitrophenol	14.575	184	41559	24.158	ng	93
55) Dibenzofuran	14.851	168	717154	42.671	ng	99
56) 4-Nitrophenol	14.686	139	228964	101.308	ng	91
57) 2,4-Dinitrotoluene	14.828	165	181019	45.334	ng	96
58) Fluorene	15.504	166	570519	41.782	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	181660m	46.399	ng	
60) Diethylphthalate	15.281	149	568268	40.846	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	300744	40.154	ng	99
62) 4-Nitroaniline	15.528	138	128816	42.101	ng	94
63) Azobenzene	15.792	77	586450	41.210	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	31265	11.569	ng	94
66) n-Nitrosodiphenylamine	15.716	169	502600	41.994	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	198054	43.107	ng	98
68) Hexachlorobenzene	16.516	284	228948	46.618	ng	97
69) Atrazine	16.675	200	197213	63.491	ng	99
70) Pentachlorophenol	16.863	266	313248	107.265	ng	98
71) Phenanthrene	17.251	178	1002830	45.970	ng	99
72) Anthracene	17.345	178	1024301	47.314	ng	99
73) Carbazole	17.622	167	913951	43.247	ng	100
74) Di-n-butylphthalate	18.175	149	1042847	39.419	ng	100
75) Fluoranthene	19.227	202	1403187	47.748	ng	99
77) Benzidine	19.410	184	1011887	142.349	ng	97
78) Pyrene	19.580	202	1466049	44.911	ng	99
80) Butylbenzylphthalate	20.457	149	559337	37.904	ng	99
81) Benzo(a)anthracene	21.298	228	1517599	44.187	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	537503	33.217	ng	99
83) Chrysene	21.345	228	1490449	45.604	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	802021	35.796	ng	# 99
85) Di-n-octyl phthalate	22.145	149	1532550	40.266	ng	99
87) Indeno(1,2,3-cd)pyrene	26.209	276	1967651	45.200	ng	97
88) Benzo(b)fluoranthene	22.980	252	1666826	46.207	ng	99
89) Benzo(k)fluoranthene	23.027	252	1611597	45.634	ng	98
90) Benzo(a)pyrene	23.598	252	1645888	53.385	ng	98
91) Dibenzo(a,h)anthracene	26.221	278	1642718	45.437	ng	98
92) Benzo(g,h,i)perylene	26.968	276	1683791	46.165	ng	98

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

