

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061421\
 Data File : BP005910.D
 Acq On : 14 Jun 2021 17:30
 Operator : CG/JU
 Sample : M2625-21MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(138-142)MS

Manual Integrations
 APPROVED

mohammad
 6/15/2021 2:39:52 PM

Quant Time: Jun 14 18:25:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 13:15:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	69803	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	265625	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	156221	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	312271	20.000	ng	0.00
76) Chrysene-d12	21.380	240	368454	20.000	ng	0.00
86) Perylene-d12	23.792	264	433508	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	581205	133.607	ng	0.00
7) Phenol-d6	7.116	99	615955	109.244	ng	0.00
23) Nitrobenzene-d5	9.104	82	476345	87.920	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	374836	139.819	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1035997	87.082	ng	0.00
79) Terphenyl-d14	19.857	244	1721457	87.485	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.381	88	80045	40.729	ng	Qvalue
3) Pyridine	3.799	79	159641	34.561	ng	# 45
4) n-Nitrosodimethylamine	3.699	42	90833	42.305	ng	97
6) Aniline	7.263	93	125183	19.887	ng	90
8) 2-Chlorophenol	7.504	128	246218	49.365	ng	99
9) Benzaldehyde	7.075	77	110215	45.853	ng	98
10) Phenol	7.140	94	238790	42.395	ng	98
11) bis(2-Chloroethyl)ether	7.363	93	212819	49.861	ng	99
12) 1,3-Dichlorobenzene	7.828	146	253892	45.524	ng	99
13) 1,4-Dichlorobenzene	7.975	146	262682	46.185	ng	99
14) 1,2-Dichlorobenzene	8.293	146	253040	46.544	ng	99
15) Benzyl Alcohol	8.187	79	211955	49.908	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.469	45	175170	44.397	ng	97
17) 2-Methylphenol	8.393	107	186654	48.637	ng	96
18) Hexachloroethane	9.016	117	92891	45.151	ng	98
19) n-Nitroso-di-n-propyla...	8.751	70	163204	47.051	ng	94
20) 3+4-Methylphenols	8.722	107	244936	47.249	ng	97
22) Acetophenone	8.763	105	348426	49.836	ng	# 98
24) Nitrobenzene	9.146	77	251409	44.687	ng	98
25) Isophorone	9.675	82	426760	42.653	ng	98
26) 2-Nitrophenol	9.857	139	129878	48.383	ng	98
27) 2,4-Dimethylphenol	9.922	122	203493	50.885	ng	93
28) bis(2-Chloroethoxy)met...	10.151	93	261113	50.004	ng	97
29) 2,4-Dichlorophenol	10.398	162	223443	46.493	ng	98
30) 1,2,4-Trichlorobenzene	10.604	180	242452	44.897	ng	99
31) Naphthalene	10.793	128	703030	45.744	ng	98
32) Benzoic acid	10.075	122	96268	34.218	ng	97
33) 4-Chloroaniline	10.916	127	42366	6.824	ng	98
34) Hexachlorobutadiene	11.075	225	159168	43.577	ng	98
35) Caprolactam	11.704	113	49533m	35.782	ng	
36) 4-Chloro-3-methylphenol	12.040	107	232004	47.543	ng	96
37) 2-Methylnaphthalene	12.398	142	500724	45.760	ng	99
38) 1-Methylnaphthalene	12.616	142	461467	44.772	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	270479	49.188	ng	99
41) Hexachlorocyclopentadiene	12.745	237	290087	103.275	ng	98
43) 2,4,6-Trichlorophenol	13.004	196	179680	47.639	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	194887	47.979	ng	96
46) 1,1'-Biphenyl	13.404	154	610215	48.446	ng	99
47) 2-Chloronaphthalene	13.445	162	489610	47.602	ng	98
48) 2-Nitroaniline	13.651	65	134609	49.775	ng	95
49) Acenaphthylene	14.286	152	761324	48.247	ng	99
50) Dimethylphthalate	14.028	163	632513	49.244	ng	100
51) 2,6-Dinitrotoluene	14.145	165	138159	47.324	ng	98
52) Acenaphthene	14.628	154	449542	46.912	ng	99
53) 3-Nitroaniline	14.475	138	63330	22.382	ng	99
54) 2,4-Dinitrophenol	14.686	184	89440	53.238	ng	94
55) Dibenzofuran	14.963	168	722444	45.843	ng	99
56) 4-Nitrophenol	14.798	139	197140	85.956	ng	96
57) 2,4-Dinitrotoluene	14.933	165	190976	48.909	ng	97
58) Fluorene	15.610	166	577029	46.994	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.192	232	167029m	46.657	ng	
60) Diethylphthalate	15.386	149	633662	49.171	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	296183	46.518	ng	98
62) 4-Nitroaniline	15.639	138	131722	45.228	ng	95
63) Azobenzene	15.898	77	535511	45.931	ng	96
65) 4,6-Dinitro-2-methylph...	15.692	198	79083	34.462	ng	96
66) n-Nitrosodiphenylamine	15.816	169	514852	49.718	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	197264	49.217	ng	97
68) Hexachlorobenzene	16.616	284	238625	49.670	ng	99
69) Atrazine	16.775	200	195950	60.820	ng	99
70) Pentachlorophenol	16.963	266	274865	102.896	ng	99
71) Phenanthrene	17.351	178	922323	49.182	ng	99
72) Anthracene	17.445	178	948457	51.388	ng	99
73) Carbazole	17.716	167	861198	48.600	ng	100
74) Di-n-butylphthalate	18.257	149	1075071	52.364	ng	100
75) Fluoranthene	19.310	202	1124009	49.354	ng	99
77) Benzidine	19.492	184	175088	22.837	ng	99
78) Pyrene	19.663	202	1177411	45.774	ng	99
80) Butylbenzylphthalate	20.527	149	526746	49.775	ng	98
81) Benzo(a)anthracene	21.368	228	1251111	47.040	ng	100
82) 3,3'-Dichlorobenzidine	21.298	252	299653	32.587	ng	98
83) Chrysene	21.421	228	1233094	47.867	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	788501	50.805	ng	100
85) Di-n-octyl phthalate	22.210	149	1417203	51.044	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1938459	52.290	ng	99
88) Benzo(b)fluoranthene	23.057	252	1466542	49.393	ng	100
89) Benzo(k)fluoranthene	23.104	252	1422821	49.418	ng	99
90) Benzo(a)pyrene	23.692	252	1440919	51.619	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	1660046	52.027	ng	99
92) Benzo(g,h,i)perylene	27.121	276	1655947	52.537	ng	99

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

