

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005709.D
 Acq On : 04 Jun 2021 13:02
 Operator : CG/JU
 Sample : M2582-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-1-VNJ-201MSD

Manual Integrations
 APPROVED

mohammad
 6/7/2021 12:25:08 PM

Quant Time: Jun 04 13:54:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	119305	20.000	ng	-0.01
21) Naphthalene-d8	10.787	136	461968	20.000	ng	-0.01
39) Acenaphthene-d10	14.604	164	285335	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	611317	20.000	ng	# 0.00
76) Chrysene-d12	21.422	240	677138	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	797598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	600857	78.301	ng	0.00
7) Phenol-d6	7.146	99	745357	71.250	ng	0.00
23) Nitrobenzene-d5	9.146	82	474038	57.067	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	353738	96.681	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1020881	47.350	ng	0.00
79) Terphenyl-d14	19.892	244	1678001	46.500	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	116067	33.048	ng	90
3) Pyridine	3.817	79	304747	35.052	ng	# 91
4) n-Nitrosodimethylamine	3.722	42	161667	41.751	ng	# 25
6) Aniline	7.316	93	419119	34.273	ng	94
8) 2-Chlorophenol	7.546	128	384235	44.718	ng	96
9) Benzaldehyde	7.116	77	241049	53.221	ng	91
10) Phenol	7.175	94	464487	43.488	ng	98
11) bis(2-Chloroethyl)ether	7.399	93	349948	42.436	ng	96
12) 1,3-Dichlorobenzene	7.869	146	405609	41.587	ng	98
13) 1,4-Dichlorobenzene	8.016	146	420029	42.494	ng	98
14) 1,2-Dichlorobenzene	8.334	146	401668	42.489	ng	100
15) Benzyl Alcohol	8.222	79	338457	45.104	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	8.510	45	356319	37.746	ng	85
17) 2-Methylphenol	8.428	107	308346	44.347	ng	96
18) Hexachloroethane	9.063	117	152096	43.360	ng	92
19) n-Nitroso-di-n-propyla...	8.793	70	262081	39.386	ng	96
20) 3+4-Methylphenols	8.758	107	416076	44.918	ng	95
22) Acetophenone	8.805	105	535830	43.484	ng	# 96
24) Nitrobenzene	9.187	77	407982	44.217	ng	90
25) Isophorone	9.716	82	700616	37.990	ng	# 98
26) 2-Nitrophenol	9.899	139	203901	56.950	ng	# 79
27) 2,4-Dimethylphenol	9.963	122	342620	48.402	ng	99
28) bis(2-Chloroethoxy)met...	10.193	93	426895	43.010	ng	98
29) 2,4-Dichlorophenol	10.440	162	357501	46.957	ng	99
30) 1,2,4-Trichlorobenzene	10.652	180	381555	42.313	ng	99
31) Naphthalene	10.840	128	1142790	41.540	ng	97
32) Benzoic acid	10.116	122	260800	64.876	ng	95
33) 4-Chloroaniline	10.957	127	296563	25.889	ng	# 90
34) Hexachlorobutadiene	11.122	225	242833	43.115	ng	98
35) Caprolactam	11.740	113	117273	56.248	ng	# 72
36) 4-Chloro-3-methylphenol	12.069	107	368463	45.979	ng	96
37) 2-Methylnaphthalene	12.446	142	799045	40.991	ng	# 88
38) 1-Methylnaphthalene	12.663	142	733667	39.670	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.810	216	432759	45.466	ng	96
41) Hexachlorocyclopentadiene	12.787	237	505430	95.380	ng	99
43) 2,4,6-Trichlorophenol	13.046	196	295346	51.158	ng	94

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44) 2,4,5-Trichlorophenol	13.122	196	324309	51.947	ng	# 92
46) 1,1'-Biphenyl	13.445	154	1015187	43.817	ng	99
47) 2-Chloronaphthalene	13.487	162	784303	41.646	ng	98
48) 2-Nitroaniline	13.687	65	236068	52.355	ng	# 76
49) Acenaphthylene	14.328	152	1270734	43.289	ng	99
50) Dimethylphthalate	14.063	163	980553	43.204	ng	99
51) 2,6-Dinitrotoluene	14.181	165	220996	44.500	ng	# 65
52) Acenaphthene	14.669	154	755538	39.594	ng	96
53) 3-Nitroaniline	14.510	138	217001	44.088	ng	# 79
54) 2,4-Dinitrophenol	14.722	184	262206	122.443	ng	93
55) Dibenzofuran	15.004	168	1215396	41.554	ng	98
56) 4-Nitrophenol	14.822	139	422755	98.931	ng	# 59
57) 2,4-Dinitrotoluene	14.969	165	309144	49.689	ng	# 64
58) Fluorene	15.651	166	977441	41.798	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.228	232	286032m	52.954	ng	
60) Diethylphthalate	15.422	149	1007051	44.224	ng	97
61) 4-Chlorophenyl-phenyle...	15.640	204	486025	41.571	ng	97
62) 4-Nitroaniline	15.669	138	238611	46.072	ng	# 46
63) Azobenzene	15.934	77	933784	39.159	ng	96
65) 4,6-Dinitro-2-methylph...	15.734	198	168619	52.394	ng	91
66) n-Nitrosodiphenylamine	15.857	169	841812	40.413	ng	# 92
67) 4-Bromophenyl-phenylether	16.539	248	326048	44.273	ng	99
68) Hexachlorobenzene	16.657	284	386859	44.118	ng	# 94
69) Atrazine	16.810	200	312271	52.456	ng	95
70) Pentachlorophenol	16.998	266	479765	109.091	ng	96
71) Phenanthrene	17.392	178	1763728	46.310	ng	100
72) Anthracene	17.481	178	1656990	44.063	ng	99
73) Carbazole	17.751	167	1517081	40.991	ng	99
74) Di-n-butylphthalate	18.298	149	1753162	44.235	ng	# 91
75) Fluoranthene	19.351	202	2182055	47.729	ng	97
77) Benzidine	19.528	184	1099449	85.495	ng	99
78) Pyrene	19.698	202	2205148	46.152	ng	99
80) Butylbenzylphthalate	20.563	149	914127	47.360	ng	# 92
81) Benzo(a)anthracene	21.404	228	2172780	43.723	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	724799	45.155	ng	# 96
83) Chrysene	21.457	228	2094005	43.516	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	1343128	49.762	ng	# 97
85) Di-n-octyl phthalate	22.251	149	2172199	47.884	ng	# 97
87) Indeno(1,2,3-cd)pyrene	26.439	276	3054774	45.016	ng	# 93
88) Benzo(b)fluoranthene	23.110	252	2394318	41.374	ng	# 97
89) Benzo(k)fluoranthene	23.163	252	2323582	42.372	ng	# 97
90) Benzo(a)pyrene	23.751	252	2366518	44.951	ng	# 96
91) Dibenzo(a,h)anthracene	26.451	278	2521199	42.812	ng	# 96
92) Benzo(g,h,i)perylene	27.227	276	2585553	45.519	ng	# 93

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

