

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
 Data File : BP007230.D
 Acq On : 28 Sep 2021 14:46
 Operator : CG/JU
 Sample : M3922-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUB-SLAB-03-(33-35)MSD

Manual Integrations
 APPROVED

mohammad
 9/29/2021 12:55:35 PM

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Quant Time: Sep 28 16:32:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	174222	20.000	ng	-0.01
21) Naphthalene-d8	10.681	136	690327	20.000	ng	#-0.01
39) Acenaphthene-d10	14.516	164	432622	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	878818	20.000	ng	0.00
76) Chrysene-d12	21.357	240	796247	20.000	ng	0.00
86) Perylene-d12	23.768	264	889485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1109163	106.570	ng	0.00
7) Phenol-d6	7.057	99	1375144	96.671	ng	0.00
23) Nitrobenzene-d5	9.046	82	807393	68.112	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	642596	114.571	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	2023301	67.001	ng	-0.01
79) Terphenyl-d14	19.822	244	2755629	66.317	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	142909	33.954	ng	# 88
3) Pyridine	3.752	79	352840	30.635	ng	# 86
4) n-Nitrosodimethylamine	3.658	42	162897	41.257	ng	# 80
6) Aniline	7.210	93	495038	31.571	ng	99
8) 2-Chlorophenol	7.446	128	493173	43.599	ng	99
9) Benzaldehyde	7.022	77	293952m	36.684	ng	
10) Phenol	7.087	94	593906	43.305	ng	94
11) bis(2-Chloroethyl)ether	7.305	93	433172	40.013	ng	95
12) 1,3-Dichlorobenzene	7.769	146	530936	41.612	ng	97
13) 1,4-Dichlorobenzene	7.916	146	545208	41.915	ng	98
14) 1,2-Dichlorobenzene	8.234	146	525557	41.695	ng	97
15) Benzyl Alcohol	8.128	79	405288	44.484	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.410	45	495969	40.011	ng	90
17) 2-Methylphenol	8.334	107	397272	42.970	ng	95
18) Hexachloroethane	8.957	117	187059	42.833	ng	92
19) n-Nitroso-di-n-propyla...	8.693	70	308445	39.867	ng	98
20) 3+4-Methylphenols	8.663	107	533534	41.735	ng	96
22) Acetophenone	8.710	105	681576	40.976	ng	99
24) Nitrobenzene	9.087	77	479492	42.426	ng	96
25) Isophorone	9.616	82	845351	40.897	ng	99
26) 2-Nitrophenol	9.799	139	268225	45.514	ng	90
27) 2,4-Dimethylphenol	9.863	122	424340	45.731	ng	99
28) bis(2-Chloroethoxy)met...	10.093	93	551579	37.824	ng	99
29) 2,4-Dichlorophenol	10.340	162	474888	43.873	ng	99
30) 1,2,4-Trichlorobenzene	10.551	180	517951	42.004	ng	97
31) Naphthalene	10.734	128	1441319	40.910	ng	99
32) Benzoic acid	10.028	122	276639	38.790	ng	96
33) 4-Chloroaniline	10.846	127	228187	15.677	ng	99
34) Hexachlorobutadiene	11.016	225	330961	44.826	ng	99
35) Caprolactam	11.651	113	137670m	41.343	ng	
36) 4-Chloro-3-methylphenol	11.981	107	460684	41.872	ng	99
37) 2-Methylnaphthalene	12.345	142	1045312	42.372	ng	96
38) 1-Methylnaphthalene	12.563	142	965719	40.064	ng	99
40) 1,2,4,5-Tetrachloroben...	12.716	216	586814	44.293	ng	98
41) Hexachlorocyclopentadiene	12.687	237	661619	90.106	ng	98
43) 2,4,6-Trichlorophenol	12.957	196	393207	43.497	ng	97

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44) 2,4,5-Trichlorophenol	13.034	196	427155	43.880	ng	95
46) 1,1'-Biphenyl	13.351	154	1286545	39.981	ng	100
47) 2-Chloronaphthalene	13.392	162	1038284	41.653	ng	98
48) 2-Nitroaniline	13.598	65	265304	43.654	ng	95
49) Acenaphthylene	14.239	152	1629833	42.452	ng	100
50) Dimethylphthalate	13.975	163	1256538	40.383	ng	100
51) 2,6-Dinitrotoluene	14.098	165	283382	44.585	ng	90
52) Acenaphthene	14.581	154	951476	40.904	ng	99
53) 3-Nitroaniline	14.428	138	164551	23.944	ng	96
54) 2,4-Dinitrophenol	14.639	184	311877	85.182	ng	91
55) Dibenzofuran	14.916	168	1552005	39.990	ng	96
56) 4-Nitrophenol	14.745	139	467338	83.764	ng	86
57) 2,4-Dinitrotoluene	14.886	165	384293	45.818	ng	90
58) Fluorene	15.563	166	1225485	40.874	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	358932	41.989	ng	95
60) Diethylphthalate	15.339	149	1217028	40.365	ng	97
61) 4-Chlorophenyl-phenyle...	15.557	204	644573	40.684	ng	94
62) 4-Nitroaniline	15.586	138	275363	39.841	ng	# 82
63) Azobenzene	15.851	77	1023142	39.160	ng	92
65) 4,6-Dinitro-2-methylph...	15.657	198	204638	38.803	ng	94
66) n-Nitrosodiphenylamine	15.775	169	1074793	41.103	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	415702	43.159	ng	95
68) Hexachlorobenzene	16.575	284	485494	45.608	ng	95
69) Atrazine	16.733	200	402215	43.638	ng	98
70) Pentachlorophenol	16.922	266	550233	83.233	ng	99
71) Phenanthrene	17.310	178	1909921	40.532	ng	100
72) Anthracene	17.404	178	1938651	42.057	ng	100
73) Carbazole	17.675	167	1731614	38.335	ng	98
74) Di-n-butylphthalate	18.222	149	2026579	40.484	ng	99
75) Fluoranthene	19.280	202	2200383	40.530	ng	98
77) Benzidine	19.457	184	995686	40.690	ng	100
78) Pyrene	19.633	202	2238016	42.840	ng	99
80) Butylbenzylphthalate	20.498	149	873253	41.741	ng	95
81) Benzo(a)anthracene	21.339	228	2047215	39.610	ng	100
82) 3,3'-Dichlorobenzidine	21.268	252	723245	40.747	ng	100
83) Chrysene	21.392	228	1997823	40.445	ng	99
84) Bis(2-ethylhexyl)phtha...	21.257	149	1230680	40.916	ng	99
85) Di-n-octyl phthalate	22.186	149	2102556	41.059	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	2830103	44.274	ng	99
88) Benzo(b)fluoranthene	23.027	252	2275212	42.802	ng	99
89) Benzo(k)fluoranthene	23.080	252	2069355	38.449	ng	99
90) Benzo(a)pyrene	23.662	252	2179037	48.250	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	2396336	44.733	ng	98
92) Benzo(g,h,i)perylene	27.080	276	2417420	46.242	ng	96

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

