

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006715.D
 Acq On : 17 Aug 2021 13:25
 Operator : CG/JU
 Sample : PB138349BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB138349BS

Manual Integrations
 APPROVED

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 8/18/2021 4:30:01 PM

Quant Time: Aug 17 13:53:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	159310	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	699941	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	404862	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	821553	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	850744	20.000	ng	# 0.00
86) Perylene-d12	23.527	264	877786	20.000	ng	0.00

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System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1444075	139.226	ng	0.00
7) Phenol-d6	6.893	99	1816624	123.296	ng	0.00
23) Nitrobenzene-d5	8.863	82	1254911	82.755	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	576506	136.249	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2198468	81.242	ng	0.00
79) Terphenyl-d14	19.686	244	3562104	83.899	ng	0.00

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Target Compounds					Qvalue	
2) 1,4-Dioxane	3.240	88	167247	37.037	ng	95
3) Pyridine	3.634	79	438583	33.046	ng	98
4) n-Nitrosodimethylamine	3.552	42	205900	41.103	ng	# 77
6) Aniline	7.040	93	595568	37.212	ng	94
8) 2-Chlorophenol	7.269	128	521868	46.502	ng	92
9) Benzaldehyde	6.852	77	335193	37.798	ng	91
10) Phenol	6.916	94	665671	45.057	ng	97
11) bis(2-Chloroethyl)ether	7.146	93	493556	43.996	ng	94
12) 1,3-Dichlorobenzene	7.593	146	515668	44.088	ng	97
13) 1,4-Dichlorobenzene	7.740	146	527775	44.461	ng	97
14) 1,2-Dichlorobenzene	8.052	146	507465	44.551	ng	96
15) Benzyl Alcohol	7.952	79	501811	45.416	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.240	45	562442	42.133	ng	93
17) 2-Methylphenol	8.158	107	437621	46.910	ng	98
18) Hexachloroethane	8.769	117	221639	47.172	ng	# 89
19) n-Nitroso-di-n-propyla...	8.522	70	420317	42.521	ng	97
20) 3+4-Methylphenols	8.487	107	591706	46.599	ng	97
22) Acetophenone	8.534	105	801008	43.153	ng	# 97
24) Nitrobenzene	8.905	77	649124	41.179	ng	90
25) Isophorone	9.434	82	1079120	39.620	ng	# 93
26) 2-Nitrophenol	9.610	139	254354	44.338	ng	# 90
27) 2,4-Dimethylphenol	9.681	122	467049	48.618	ng	95
28) bis(2-Chloroethoxy)met...	9.922	93	656153	45.025	ng	98
29) 2,4-Dichlorophenol	10.146	162	435494	44.777	ng	94
30) 1,2,4-Trichlorobenzene	10.352	180	442980	42.387	ng	96
31) Naphthalene	10.540	128	1569233	41.723	ng	99
32) Benzoic acid	9.840	122	328332	44.181	ng	90
33) 4-Chloroaniline	10.657	127	254164	16.699	ng	# 94
34) Hexachlorobutadiene	10.822	225	263931	43.338	ng	98
35) Caprolactam	11.469	113	156830m	44.720	ng	
36) 4-Chloro-3-methylphenol	11.793	107	556364	45.024	ng	88
37) 2-Methylnaphthalene	12.157	142	1075918	42.216	ng	99
38) 1-Methylnaphthalene	12.375	142	997104	41.169	ng	99
40) 1,2,4,5-Tetrachloroben...	12.528	216	458932	43.310	ng	# 94
41) Hexachlorocyclopentadiene	12.504	237	596705	106.174	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	321046	44.372	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	356000	44.450	ng	# 88
46) 1,1'-Biphenyl	13.181	154	1263069	41.217	ng	97
47) 2-Chloronaphthalene	13.216	162	993031	42.080	ng	94
48) 2-Nitroaniline	13.434	65	375489	45.087	ng	85
49) Acenaphthylene	14.069	152	1657216	43.552	ng	100
50) Dimethylphthalate	13.822	163	1277427	43.346	ng	100
51) 2,6-Dinitrotoluene	13.940	165	280655	42.678	ng	# 76
52) Acenaphthene	14.410	154	965867	41.707	ng	97
53) 3-Nitroaniline	14.269	138	189590	26.006	ng	83
54) 2,4-Dinitrophenol	14.481	184	302618	87.998	ng	# 82
55) Dibenzofuran	14.751	168	1505022	41.317	ng	93
56) 4-Nitrophenol	14.587	139	601938	95.089	ng	# 87
57) 2,4-Dinitrotoluene	14.728	165	400029	45.359	ng	# 76
58) Fluorene	15.398	166	1238717	42.545	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	301166	44.872	ng	# 68
60) Diethylphthalate	15.192	149	1400049	45.230	ng	97
61) 4-Chlorophenyl-phenyle...	15.398	204	567191	43.017	ng	# 86
62) 4-Nitroaniline	15.434	138	329564	42.601	ng	94
63) Azobenzene	15.692	77	1584722	43.912	ng	92
65) 4,6-Dinitro-2-methylph...	15.492	198	184145	36.683	ng	68
66) n-Nitrosodiphenylamine	15.622	169	1072903	41.549	ng	99
67) 4-Bromophenyl-phenylether	16.298	248	337465	42.811	ng	# 85
68) Hexachlorobenzene	16.404	284	383125	42.710	ng	# 88
69) Atrazine	16.587	200	387844	48.132	ng	94
70) Pentachlorophenol	16.757	266	546490	96.018	ng	99
71) Phenanthrene	17.145	178	1965019	42.404	ng	99
72) Anthracene	17.239	178	2005192	44.781	ng	99
73) Carbazole	17.516	167	1938239	42.437	ng	98
74) Di-n-butylphthalate	18.086	149	2474505	47.554	ng	99
75) Fluoranthene	19.128	202	2281859	43.871	ng	95
77) Benzidine	19.316	184	1234042	57.968	ng	98
78) Pyrene	19.480	202	2373187	41.763	ng	99
80) Butylbenzylphthalate	20.375	149	1193756	47.774	ng	89
81) Benzo(a)anthracene	21.198	228	2348163	42.234	ng	100
82) 3,3'-Dichlorobenzidine	21.139	252	551997	37.818	ng	# 97
83) Chrysene	21.251	228	2283628	42.367	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1826586	48.644	ng	# 97
85) Di-n-octyl phthalate	22.039	149	3178394	51.354	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.921	276	2851933	44.807	ng	# 90
88) Benzo(b)fluoranthene	22.827	252	2421961	42.454	ng	# 97
89) Benzo(k)fluoranthene	22.874	252	2434253	44.442	ng	# 96
90) Benzo(a)pyrene	23.427	252	2375007	46.414	ng	# 95
91) Dibenzo(a,h)anthracene	25.945	278	2441617	44.368	ng	# 94
92) Benzo(g,h,i)perylene	26.657	276	2385111	45.228	ng	# 90

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

