

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120621\
 Data File : BM033307.D
 Acq On : 06 Dec 2021 11:40
 Operator : CG/JU
 Sample : PB141148BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB141148BS

Quant Time: Dec 06 13:02:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 13:01:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	168645	20.000	ng	0.00
21) Naphthalene-d8	10.719	136	676679	20.000	ng	# 0.00
39) Acenaphthene-d10	14.548	164	384836	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	677033	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	499590	20.000	ng	# 0.00
86) Perylene-d12	23.777	264	444610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.513	112	1393041	136.407	ng	0.00
7) Phenol-d6	7.107	99	1790780	130.931	ng	0.00
23) Nitrobenzene-d5	9.089	82	1241325	85.161	ng	0.00
42) 2,4,6-Tribromophenol	16.036	330	437535	104.297	ng	0.00
45) 2-Fluorobiphenyl	13.172	172	2239889	82.085	ng	0.00
79) Terphenyl-d14	19.895	244	2371885	93.880	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.413	88	152652	35.061	ng	# 78
3) Pyridine	3.819	79	360331	32.580	ng	# 80
4) n-Nitrosodimethylamine	3.725	42	270698	48.192	ng	# 65
6) Aniline	7.260	93	542619	35.232	ng	98
8) 2-Chlorophenol	7.495	128	500863	47.104	ng	96
9) Benzaldehyde	7.072	77	136278	14.833	ng	97
10) Phenol	7.137	94	676555	48.911	ng	90
11) bis(2-Chloroethyl)ether	7.354	93	519731	49.110	ng	98
12) 1,3-Dichlorobenzene	7.813	146	544637	43.594	ng	96
13) 1,4-Dichlorobenzene	7.960	146	559935	43.810	ng	99
14) 1,2-Dichlorobenzene	8.278	146	539603	44.205	ng	97
15) Benzyl Alcohol	8.172	79	495803	46.580	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.454	45	898352	47.894	ng	93
17) 2-Methylphenol	8.378	107	434877	47.627	ng	94
18) Hexachloroethane	9.001	117	221368	47.704	ng	97
19) n-Nitroso-di-n-propyla...	8.731	70	432679	47.578	ng	93
20) 3+4-Methylphenols	8.707	107	583828	47.205	ng	96
22) Acetophenone	8.748	105	768560	44.132	ng	# 95
24) Nitrobenzene	9.131	77	645680	45.981	ng	98
25) Isophorone	9.654	82	1052952	46.192	ng	99
26) 2-Nitrophenol	9.836	139	254910	48.668	ng	# 87
27) 2,4-Dimethylphenol	9.901	122	451030	50.423	ng	98
28) bis(2-Chloroethoxy)met...	10.131	93	651221	43.851	ng	99
29) 2,4-Dichlorophenol	10.378	162	436662	43.095	ng	97
30) 1,2,4-Trichlorobenzene	10.584	180	488464	40.615	ng	98
31) Naphthalene	10.772	128	1535195	43.009	ng	100
32) Benzoic acid	10.048	122	283482	48.755	ng	91
33) 4-Chloroaniline	10.889	127	157720	11.489	ng	98
34) Hexachlorobutadiene	11.048	225	287108	38.619	ng	98
35) Caprolactam	11.683	113	129419	66.728	ng	96
36) 4-Chloro-3-methylphenol	12.019	107	483351	41.960	ng	98
37) 2-Methylnaphthalene	12.378	142	1051777	43.281	ng	96
38) 1-Methylnaphthalene	12.595	142	966570	40.769	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.742	216	489565	42.385	ng	98
41) Hexachlorocyclopentadiene	12.719	237	588377	102.605	ng	97
43) 2,4,6-Trichlorophenol	12.989	196	316523	42.898	ng	96

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44) 2,4,5-Trichlorophenol	13.066	196	341557	42.253	ng	95
46) 1,1'-Biphenyl	13.383	154	1255046	43.374	ng	98
47) 2-Chloronaphthalene	13.430	162	977914	44.231	ng	98
48) 2-Nitroaniline	13.636	65	344717	48.237	ng	98
49) Acenaphthylene	14.272	152	1548772	44.854	ng	100
50) Dimethylphthalate	14.007	163	1109894	40.580	ng	100
51) 2,6-Dinitrotoluene	14.130	165	242481	44.285	ng	# 78
52) Acenaphthene	14.613	154	908926	42.839	ng	99
53) 3-Nitroaniline	14.466	138	141401	24.234	ng	97
54) 2,4-Dinitrophenol	14.666	184	268213	93.224	ng	# 73
55) Dibenzofuran	14.948	168	1423669	40.352	ng	93
56) 4-Nitrophenol	14.789	139	407745	87.192	ng	# 81
57) 2,4-Dinitrotoluene	14.913	165	326016	45.452	ng	# 73
58) Fluorene	15.595	166	1127110	40.798	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.171	232	273888	38.728	ng	# 86
60) Diethylphthalate	15.366	149	1088602	40.115	ng	96
61) 4-Chlorophenyl-phenyle...	15.583	204	547972	38.897	ng	93
62) 4-Nitroaniline	15.624	138	242180	40.025	ng	# 77
63) Azobenzene	15.877	77	1313493	43.724	ng	91
65) 4,6-Dinitro-2-methylph...	15.671	198	160497	45.768	ng	89
66) n-Nitrosodiphenylamine	15.801	169	936281	47.138	ng	98
67) 4-Bromophenyl-phenylether	16.477	248	315351	44.557	ng	93
68) Hexachlorobenzene	16.589	284	337739	43.477	ng	# 87
69) Atrazine	16.748	200	303209	73.068	ng	95
70) Pentachlorophenol	16.936	266	402422	87.914	ng	98
71) Phenanthrene	17.330	178	1636187	43.966	ng	99
72) Anthracene	17.418	178	1662219	46.299	ng	100
73) Carbazole	17.695	167	1431797	40.088	ng	97
74) Di-n-butylphthalate	18.242	149	1658778	44.709	ng	# 98
75) Fluoranthene	19.336	202	1688680	39.487	ng	96
77) Benzidine	19.524	184	376417	67.013	ng	99
78) Pyrene	19.695	202	1711858	52.053	ng	99
80) Butylbenzylphthalate	20.583	149	633153	51.471	ng	95
81) Benzo(a)anthracene	21.430	228	1386678	43.244	ng	99
82) 3,3'-Dichlorobenzidine	21.365	252	403883	27.886	ng	99
83) Chrysene	21.483	228	1379020	44.149	ng	100
84) Bis(2-ethylhexyl)phtha...	21.353	149	867387	50.072	ng	# 95
85) Di-n-octyl phthalate	22.253	149	1377868	46.843	ng	99
87) Indeno(1,2,3-cd)pyrene	26.165	276	1374476	45.026	ng	# 94
88) Benzo(b)fluoranthene	23.071	252	1284623	47.572	ng	# 98
89) Benzo(k)fluoranthene	23.118	252	1272542	46.965	ng	# 98
90) Benzo(a)pyrene	23.677	252	1239744	54.816	ng	# 98
91) Dibenzo(a,h)anthracene	26.177	278	1179272	46.137	ng	# 96
92) Benzo(g,h,i)perylene	26.894	276	1192317	46.766	ng	# 94

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

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