

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040323\
 Data File : BM039276.D
 Acq On : 03 Apr 2023 13:13
 Operator : CG/JU
 Sample : PB151823BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151823BSD

Quant Time: Apr 03 17:04:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	212915	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	811201	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	423271	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	803728	20.000	ng	0.00
76) Chrysene-d12	21.498	240	703766	20.000	ng	0.00
86) Perylene-d12	23.909	264	810093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1359085	96.170	ng	0.00
7) Phenol-d6	7.087	99	1662105	90.931	ng	0.00
23) Nitrobenzene-d5	9.087	82	1495430	89.597	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	463206	86.210	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2876467	92.077	ng	0.00
79) Terphenyl-d14	19.933	244	3593504	94.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	238080	41.216	ng	99
3) Pyridine	3.752	79	646863	39.973	ng	99
4) n-Nitrosodimethylamine	3.664	42	302682	47.626	ng	97
6) Aniline	7.240	93	760785	33.628	ng	100
8) 2-Chlorophenol	7.475	128	686437	47.457	ng	97
9) Benzaldehyde	7.052	77	420856	40.430	ng	99
10) Phenol	7.110	94	900578	49.164	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	674967	45.803	ng	99
12) 1,3-Dichlorobenzene	7.805	146	722329	47.089	ng	99
13) 1,4-Dichlorobenzene	7.952	146	741230	47.788	ng	99
14) 1,2-Dichlorobenzene	8.269	146	703059	47.403	ng	99
15) Benzyl Alcohol	8.163	79	593459	47.204	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.452	45	860515	45.653	ng	99
17) 2-Methylphenol	8.369	107	566894	44.234	ng	99
18) Hexachloroethane	8.993	117	277898	46.318	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	500268	42.814	ng	99
20) 3+4-Methylphenols	8.699	107	758832	44.063	ng	100
22) Acetophenone	8.746	105	1015921	46.840	ng	# 99
24) Nitrobenzene	9.128	77	741709	44.678	ng	99
25) Isophorone	9.657	82	1334626	42.863	ng	99
26) 2-Nitrophenol	9.840	139	354981	46.256	ng	99
27) 2,4-Dimethylphenol	9.904	122	607666	47.657	ng	100
28) bis(2-Chloroethoxy)met...	10.140	93	822436	43.634	ng	100
29) 2,4-Dichlorophenol	10.375	162	581366	46.731	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	609814	45.818	ng	99
31) Naphthalene	10.775	128	1934575	44.259	ng	99
32) Benzoic acid	10.051	122	425632	42.829	ng	99
33) 4-Chloroaniline	10.893	127	238391	12.449	ng	98
34) Hexachlorobutadiene	11.057	225	346682	44.298	ng	100
35) Caprolactam	11.687	113	184813	42.784	ng	93
36) 4-Chloro-3-methylphenol	12.022	107	606898	44.215	ng	98
37) 2-Methylnaphthalene	12.387	142	1255608	41.264	ng	100
38) 1-Methylnaphthalene	12.604	142	1167932	40.991	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	629995	48.886	ng	99
41) Hexachlorocyclopentadiene	12.728	237	820704	116.571	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	422514	48.074	ng	99

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44) 2,4,5-Trichlorophenol	13.075	196	451511	43.822	ng	98
46) 1,1'-Biphenyl	13.398	154	1603159	47.963	ng	99
47) 2-Chloronaphthalene	13.439	162	1227855	48.516	ng	99
48) 2-Nitroaniline	13.651	65	394478	46.318	ng	97
49) Acenaphthylene	14.286	152	1923916	46.253	ng	100
50) Dimethylphthalate	14.022	163	1425867	43.711	ng	100
51) 2,6-Dinitrotoluene	14.145	165	317754	45.297	ng	97
52) Acenaphthene	14.628	154	1132976	46.129	ng	100
53) 3-Nitroaniline	14.475	138	186129	22.952	ng	98
54) 2,4-Dinitrophenol	14.686	184	403148	97.044	ng	99
55) Dibenzofuran	14.963	168	1779227	44.995	ng	99
56) 4-Nitrophenol	14.792	139	603214	96.462	ng	99
57) 2,4-Dinitrotoluene	14.933	165	428024	45.105	ng	95
58) Fluorene	15.610	166	1398546	44.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	369565	45.088	ng	99
60) Diethylphthalate	15.386	149	1381614	42.080	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	670056	43.179	ng	98
62) 4-Nitroaniline	15.639	138	345099	41.469	ng	99
63) Azobenzene	15.898	77	1459124	44.357	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	245389	46.409	ng	95
66) n-Nitrosodiphenylamine	15.822	169	1197918	47.298	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	393210	45.811	ng	98
68) Hexachlorobenzene	16.616	284	456980	49.102	ng	98
69) Atrazine	16.775	200	386062	48.128	ng	99
70) Pentachlorophenol	16.963	266	585033	87.616	ng	100
71) Phenanthrene	17.357	178	2064690	46.905	ng	99
72) Anthracene	17.445	178	2110863	47.028	ng	100
73) Carbazole	17.722	167	1983356	47.289	ng	100
74) Di-n-butylphthalate	18.280	149	2230702	42.996	ng	99
75) Fluoranthene	19.368	202	2226380	44.370	ng	99
77) Benzidine	19.557	184	1174253	63.258	ng	100
78) Pyrene	19.733	202	2343649	46.779	ng	100
80) Butylbenzylphthalate	20.627	149	984233	42.881	ng	97
81) Benzo(a)anthracene	21.480	228	2321920	46.781	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	571998	34.595	ng	98
83) Chrysene	21.533	228	2214343	46.214	ng	99
84) Bis(2-ethylhexyl)phtha...	21.404	149	1427507	42.111	ng	99
85) Di-n-octyl phthalate	22.333	149	2514487	41.171	ng	99
87) Indeno(1,2,3-cd)pyrene	26.421	276	2941153	49.276	ng	100
88) Benzo(b)fluoranthene	23.174	252	2380351	48.022	ng	100
89) Benzo(k)fluoranthene	23.221	252	2368225	46.905	ng	99
90) Benzo(a)pyrene	23.803	252	2126368	43.668	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	2447572	48.835	ng	99
92) Benzo(g,h,i)perylene	27.192	276	2469225	50.097	ng	99

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

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