

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041324.D
 Acq On : 08 Aug 2023 10:47
 Operator : MA/JU
 Sample : PB154586BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154586BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:12:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	159238	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	613069	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	343483	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	710567	20.000	ng	0.00
76) Chrysene-d12	21.421	240	699380	20.000	ng	0.00
86) Perylene-d12	23.786	264	785136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1144128	107.386	ng	0.00
7) Phenol-d6	6.969	99	1400162	101.383	ng	0.00
23) Nitrobenzene-d5	8.963	82	913834	69.319	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	541140	111.383	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1884439	69.305	ng	0.00
79) Terphenyl-d14	19.851	244	2932079	75.801	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	123421	27.079	ng	97
3) Pyridine	3.657	79	318558	26.582	ng	97
4) n-Nitrosodimethylamine	3.575	42	187305	33.794	ng	96
6) Aniline	7.116	93	514772	31.850	ng	99
8) 2-Chlorophenol	7.345	128	411100	39.524	ng	98
9) Benzaldehyde	6.934	77	252042m	34.587	ng	
10) Phenol	6.993	94	510977	38.308	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	405224	37.530	ng	98
12) 1,3-Dichlorobenzene	7.669	146	455485	40.230	ng	99
13) 1,4-Dichlorobenzene	7.816	146	464815	40.845	ng	99
14) 1,2-Dichlorobenzene	8.134	146	442939	40.594	ng	99
15) Benzyl Alcohol	8.040	79	374271	42.913	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.322	45	495607	34.451	ng	97
17) 2-Methylphenol	8.245	107	332527	36.490	ng	98
18) Hexachloroethane	8.851	117	174444	41.175	ng	90
19) n-Nitroso-di-n-propyla...	8.604	70	317398	37.838	ng	97
20) 3+4-Methylphenols	8.575	107	443577	36.405	ng	96
22) Acetophenone	8.622	105	606848	37.375	ng	99
24) Nitrobenzene	9.004	77	483152	36.241	ng	100
25) Isophorone	9.528	82	830308	37.103	ng	99
26) 2-Nitrophenol	9.710	139	218456	41.917	ng	95
27) 2,4-Dimethylphenol	9.775	122	326071	35.555	ng	96
28) bis(2-Chloroethoxy)met...	10.010	93	497130	35.464	ng	99
29) 2,4-Dichlorophenol	10.245	162	365573	39.529	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	415923	40.705	ng	98
31) Naphthalene	10.639	128	1203544	36.177	ng	99
32) Benzoic acid	9.951	122	255475	38.717	ng	97
33) 4-Chloroaniline	10.769	127	357256	26.871	ng	100
34) Hexachlorobutadiene	10.904	225	264683	43.070	ng	99
35) Caprolactam	11.586	113	101304m	37.866	ng	
36) 4-Chloro-3-methylphenol	11.904	107	367476	37.752	ng	99
37) 2-Methylnaphthalene	12.257	142	791819	35.303	ng	98
38) 1-Methylnaphthalene	12.480	142	755800	36.004	ng	100
40) 1,2,4,5-Tetrachloroben...	12.627	216	441498	39.585	ng	98
41) Hexachlorocyclopentadiene	12.592	237	488334	82.760	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	285961	40.002	ng	99

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44) 2,4,5-Trichlorophenol	12.957	196	308408	37.274	ng	98
46) 1,1'-Biphenyl	13.280	154	1017394	36.537	ng	99
47) 2-Chloronaphthalene	13.322	162	794300	38.203	ng	99
48) 2-Nitroaniline	13.545	65	245408	36.977	ng	99
49) Acenaphthylene	14.174	152	1255522	37.412	ng	99
50) Dimethylphthalate	13.922	163	952651	36.871	ng	99
51) 2,6-Dinitrotoluene	14.051	165	207646	38.787	ng	98
52) Acenaphthene	14.516	154	717300	35.480	ng	100
53) 3-Nitroaniline	14.386	138	177951	29.760	ng	97
54) 2,4-Dinitrophenol	14.598	184	278971	77.372	ng	94
55) Dibenzofuran	14.851	168	1170523	35.486	ng	99
56) 4-Nitrophenol	14.704	139	345733	77.489	ng	95
57) 2,4-Dinitrotoluene	14.845	165	282122	37.520	ng	95
58) Fluorene	15.504	166	935807	35.963	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	267644	39.947	ng	97
60) Diethylphthalate	15.286	149	942578	37.724	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	488415	37.456	ng	99
62) 4-Nitroaniline	15.557	138	198063	35.838	ng	97
63) Azobenzene	15.792	77	964218	35.230	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	173502	40.306	ng	91
66) n-Nitrosodiphenylamine	15.721	169	786783	35.602	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	297482	38.184	ng	99
68) Hexachlorobenzene	16.510	284	349219	40.311	ng	97
69) Atrazine	16.686	200	287166	49.481	ng	99
70) Pentachlorophenol	16.863	266	404315	67.399	ng	99
71) Phenanthrene	17.251	178	1426763	36.139	ng	99
72) Anthracene	17.345	178	1440586	36.895	ng	100
73) Carbazole	17.627	167	1330610	37.651	ng	99
74) Di-n-butylphthalate	18.186	149	1650144	41.321	ng	100
75) Fluoranthene	19.280	202	1703453	38.406	ng	99
77) Benzidine	19.480	184	891677	93.541	ng	100
78) Pyrene	19.645	202	1798693	36.777	ng	100
80) Butylbenzylphthalate	20.551	149	763490	42.747	ng	97
81) Benzo(a)anthracene	21.403	228	1829052	38.578	ng	98
82) 3,3'-Dichlorobenzidine	21.345	252	664259	42.935	ng	98
83) Chrysene	21.456	228	1665216	36.311	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	1144774	40.765	ng	98
85) Di-n-octyl phthalate	22.239	149	1959229	43.404	ng	96
87) Indeno(1,2,3-cd)pyrene	26.238	276	2138310	37.044	ng	96
88) Benzo(b)fluoranthene	23.068	252	1873069	40.159	ng	98
89) Benzo(k)fluoranthene	23.115	252	1757885	36.845	ng	98
90) Benzo(a)pyrene	23.686	252	1626512	36.293	ng	98
91) Dibenzo(a,h)anthracene	26.250	278	1815131	37.700	ng	97
92) Benzo(g,h,i)perylene	26.997	276	1690290	35.879	ng	96

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

