

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041332.D
 Acq On : 08 Aug 2023 17:21
 Operator : MA/JU
 Sample : PB154698BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154698BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 01:17:25 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	142987	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	569192	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	329262	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	619495	20.000	ng	0.00
76) Chrysene-d12	21.415	240	430569	20.000	ng	0.00
86) Perylene-d12	23.780	264	455892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1273243	133.087	ng	0.00
7) Phenol-d6	6.969	99	1608051	129.670	ng	0.00
23) Nitrobenzene-d5	8.963	82	1044967	85.377	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	626230	134.464	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2282836	87.583	ng	0.00
79) Terphenyl-d14	19.850	244	2665313	111.922	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	132608	32.401	ng	98
3) Pyridine	3.657	79	352047	32.715	ng	99
4) n-Nitrosodimethylamine	3.575	42	202999	40.788	ng	96
6) Aniline	7.122	93	535503	36.898	ng	99
8) 2-Chlorophenol	7.345	128	474927	50.850	ng	99
9) Benzaldehyde	6.934	77	265949m	40.643	ng	
10) Phenol	6.992	94	602731	50.322	ng	95
11) bis(2-Chloroethyl)ether	7.216	93	459176	47.361	ng	97
12) 1,3-Dichlorobenzene	7.669	146	497259	48.912	ng	99
13) 1,4-Dichlorobenzene	7.816	146	512982	50.201	ng	99
14) 1,2-Dichlorobenzene	8.134	146	496977	50.723	ng	99
15) Benzyl Alcohol	8.039	79	443594	56.642	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	580540	44.941	ng	96
17) 2-Methylphenol	8.245	107	400300	48.919	ng	98
18) Hexachloroethane	8.851	117	195628	51.423	ng	90
19) n-Nitroso-di-n-propyla...	8.604	70	382314	50.756	ng	98
20) 3+4-Methylphenols	8.575	107	538436	49.212	ng	97
22) Acetophenone	8.622	105	709649	47.076	ng	# 99
24) Nitrobenzene	9.004	77	560983	45.323	ng	99
25) Isophorone	9.528	82	1008807	48.555	ng	99
26) 2-Nitrophenol	9.710	139	258594	53.443	ng	97
27) 2,4-Dimethylphenol	9.775	122	403625	47.405	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	610675	46.923	ng	99
29) 2,4-Dichlorophenol	10.245	162	453246	52.787	ng	100
30) 1,2,4-Trichlorobenzene	10.451	180	484134	51.033	ng	98
31) Naphthalene	10.639	128	1403894	45.452	ng	99
32) Benzoic acid	9.969	122	316825	49.314	ng	98
33) 4-Chloroaniline	10.769	127	219335	17.769	ng	99
34) Hexachlorobutadiene	10.904	225	310330	54.391	ng	100
35) Caprolactam	11.598	113	123367	49.667	ng	88
36) 4-Chloro-3-methylphenol	11.904	107	456492	50.511	ng	99
37) 2-Methylnaphthalene	12.257	142	959137	46.060	ng	99
38) 1-Methylnaphthalene	12.480	142	913222	46.856	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	533164	49.868	ng	98
41) Hexachlorocyclopentadiene	12.592	237	643259	113.724	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	364669	53.216	ng	99

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44) 2,4,5-Trichlorophenol	12.957	196	381184	48.060	ng	98
46) 1,1'-Biphenyl	13.280	154	1252368	46.918	ng	99
47) 2-Chloronaphthalene	13.321	162	969927	48.665	ng	99
48) 2-Nitroaniline	13.551	65	300918	47.300	ng	98
49) Acenaphthylene	14.174	152	1536625	47.766	ng	100
50) Dimethylphthalate	13.921	163	1175205	47.449	ng	99
51) 2,6-Dinitrotoluene	14.051	165	255996	49.884	ng	98
52) Acenaphthene	14.515	154	885103	45.671	ng	100
53) 3-Nitroaniline	14.386	138	181862	31.557	ng	93
54) 2,4-Dinitrophenol	14.604	184	315359	90.196	ng	90
55) Dibenzofuran	14.851	168	1429945	45.224	ng	99
56) 4-Nitrophenol	14.704	139	373462	87.319	ng	95
57) 2,4-Dinitrotoluene	14.845	165	336198	45.993	ng	95
58) Fluorene	15.504	166	1127150	45.187	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	324618	50.543	ng	97
60) Diethylphthalate	15.286	149	1146001	47.847	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	602696	48.217	ng	98
62) 4-Nitroaniline	15.557	138	208959	39.026	ng	94
63) Azobenzene	15.792	77	1177323	44.874	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	194838	51.917	ng	92
66) n-Nitrosodiphenylamine	15.721	169	948252	49.217	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	355493	52.338	ng	99
68) Hexachlorobenzene	16.509	284	411626	54.500	ng	96
69) Atrazine	16.686	200	327889	64.804	ng	98
70) Pentachlorophenol	16.862	266	445353	85.155	ng	99
71) Phenanthrene	17.251	178	1588065	46.139	ng	100
72) Anthracene	17.345	178	1613125	47.387	ng	100
73) Carbazole	17.627	167	1374768	44.619	ng	100
74) Di-n-butylphthalate	18.186	149	1784679	51.259	ng	100
75) Fluoranthene	19.280	202	1660412	42.938	ng	99
77) Benzidine	19.480	184	515456	87.833	ng	100
78) Pyrene	19.645	202	1690332	56.138	ng	100
80) Butylbenzylphthalate	20.550	149	653264	59.411	ng	96
81) Benzo(a)anthracene	21.403	228	1429803	48.984	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	417803	43.865	ng	98
83) Chrysene	21.456	228	1315886	46.608	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	907179	51.743	ng	98
85) Di-n-octyl phthalate	22.239	149	1452997	52.285	ng	96
87) Indeno(1,2,3-cd)pyrene	26.238	276	1684046	50.243	ng	96
88) Benzo(b)fluoranthene	23.068	252	1331884	49.178	ng	98
89) Benzo(k)fluoranthene	23.115	252	1316397	47.518	ng	99
90) Benzo(a)pyrene	23.680	252	1188601	45.675	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	1417954	50.720	ng	97
92) Benzo(g,h,i)perylene	26.991	276	1343448	49.111	ng	97

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

