

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080723\
 Data File : BM041308.D
 Acq On : 07 Aug 2023 12:24
 Operator : MA/JU
 Sample : PB154638BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB154638BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/08/2023

Supervised By :mohammad ahmed 08/08/2023

Quant Time: Aug 07 17:29:19 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	7.786	152	149527	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	574647	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	314862	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	618266	20.000	ng	0.00
76) Chrysene-d12	21.421	240	573952	20.000	ng	0.00
86) Perylene-d12	23.791	264	691251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1055690	105.521	ng	0.00
7) Phenol-d6	6.975	99	1282523	98.897	ng	0.00
23) Nitrobenzene-d5	8.963	82	853528	69.074	ng	0.00
42) 2,4,6-Tribromophenol	15.956	330	483669	108.603	ng	0.00
45) 2-Fluorobiphenyl	13.068	172	1761875	70.688	ng	0.00
79) Terphenyl-d14	19.850	244	2417906	76.168	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	119868	28.008	ng	96
3) Pyridine	3.657	79	306883	27.271	ng	99
4) n-Nitrosodimethylamine	3.575	42	169423	32.553	ng	97
6) Aniline	7.122	93	482691	31.804	ng	99
8) 2-Chlorophenol	7.351	128	383558	39.271	ng	99
9) Benzaldehyde	6.934	77	224746m	32.844	ng	
10) Phenol	6.998	94	470939	37.599	ng	98
11) bis(2-Chloroethyl)ether	7.222	93	379913	37.471	ng	98
12) 1,3-Dichlorobenzene	7.669	146	427626	40.223	ng	99
13) 1,4-Dichlorobenzene	7.822	146	436860	40.882	ng	98
14) 1,2-Dichlorobenzene	8.133	146	418800	40.875	ng	99
15) Benzyl Alcohol	8.045	79	338001m	41.272	ng	
16) 2,2'-oxybis(1-Chloropr...	8.328	45	466017	34.497	ng	96
17) 2-Methylphenol	8.245	107	308772	36.083	ng	99
18) Hexachloroethane	8.851	117	166892	41.951	ng	96
19) n-Nitroso-di-n-propyla...	8.604	70	297052	37.712	ng	98
20) 3+4-Methylphenols	8.580	107	412549	36.057	ng	98
22) Acetophenone	8.628	105	570356	37.476	ng	# 98
24) Nitrobenzene	9.010	77	452585	36.218	ng	100
25) Isophorone	9.533	82	778629	37.120	ng	98
26) 2-Nitrophenol	9.716	139	203780	41.715	ng	95
27) 2,4-Dimethylphenol	9.780	122	302074	35.141	ng	98
28) bis(2-Chloroethoxy)met...	10.016	93	467195	35.557	ng	98
29) 2,4-Dichlorophenol	10.251	162	341789	39.428	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	394436	41.183	ng	98
31) Naphthalene	10.645	128	1125033	36.078	ng	99
32) Benzoic acid	9.951	122	236417	38.316	ng	94
33) 4-Chloroaniline	10.774	127	321078	25.764	ng	99
34) Hexachlorobutadiene	10.910	225	253058	43.932	ng	98
35) Caprolactam	11.586	113	91225	36.378	ng	93
36) 4-Chloro-3-methylphenol	11.910	107	335314	36.751	ng	97
37) 2-Methylnaphthalene	12.263	142	739162	35.159	ng	99
38) 1-Methylnaphthalene	12.480	142	703711	35.764	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	415907	40.680	ng	# 97
41) Hexachlorocyclopentadiene	12.598	237	483291	89.351	ng	99
43) 2,4,6-Trichlorophenol	12.886	196	266910	40.731	ng	99

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44) 2,4,5-Trichlorophenol	12.963	196	284711	37.538	ng	96
46) 1,1'-Biphenyl	13.280	154	945388	37.037	ng	99
47) 2-Chloronaphthalene	13.327	162	744982	39.088	ng	98
48) 2-Nitroaniline	13.551	65	221535	36.415	ng	100
49) Acenaphthylene	14.174	152	1159172	37.681	ng	100
50) Dimethylphthalate	13.921	163	851108	35.935	ng	99
51) 2,6-Dinitrotoluene	14.051	165	185621	37.824	ng	99
52) Acenaphthene	14.515	154	658470	35.531	ng	99
53) 3-Nitroaniline	14.386	138	156039	28.580	ng	95
54) 2,4-Dinitrophenol	14.604	184	244567	74.251	ng	89
55) Dibenzofuran	14.857	168	1069397	35.368	ng	99
56) 4-Nitrophenol	14.710	139	301097	73.619	ng	96
57) 2,4-Dinitrotoluene	14.845	165	253856	36.878	ng	97
58) Fluorene	15.509	166	845357	35.440	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	241142	39.263	ng	96
60) Diethylphthalate	15.286	149	831650	36.310	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	444851	37.216	ng	97
62) 4-Nitroaniline	15.557	138	170499	33.908	ng	95
63) Azobenzene	15.798	77	864552	34.460	ng	98
65) 4,6-Dinitro-2-methylph...	15.615	198	149102	39.809	ng	90
66) n-Nitrosodiphenylamine	15.727	169	704668	36.647	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	262174	38.676	ng	99
68) Hexachlorobenzene	16.509	284	309007	40.995	ng	99
69) Atrazine	16.686	200	246976	48.909	ng	99
70) Pentachlorophenol	16.868	266	351743	67.389	ng	99
71) Phenanthrene	17.256	178	1238533	36.055	ng	99
72) Anthracene	17.351	178	1257840	37.024	ng	100
73) Carbazole	17.633	167	1128840	36.710	ng	99
74) Di-n-butylphthalate	18.186	149	1389461	39.987	ng	99
75) Fluoranthene	19.286	202	1428107	37.004	ng	98
77) Benzidine	19.486	184	804052	102.782	ng	99
78) Pyrene	19.644	202	1490849	37.144	ng	100
80) Butylbenzylphthalate	20.550	149	616200	42.040	ng	98
81) Benzo(a)anthracene	21.403	228	1508329	38.765	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	553772	43.616	ng	99
83) Chrysene	21.456	228	1383854	36.771	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	924364	40.150	ng #	97
85) Di-n-octyl phthalate	22.244	149	1632840	44.078	ng	96
87) Indeno(1,2,3-cd)pyrene	26.244	276	1951625	38.401	ng	96
88) Benzo(b)fluoranthene	23.068	252	1555569	37.881	ng	98
89) Benzo(k)fluoranthene	23.115	252	1534130	36.522	ng	99
90) Benzo(a)pyrene	23.685	252	1398619	35.446	ng	98
91) Dibenzo(a,h)anthracene	26.256	278	1650448	38.935	ng	97
92) Benzo(g,h,i)perylene	26.997	276	1548954	37.344	ng	96

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

