

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
 Data File : BM040186.D
 Acq On : 09 Jun 2023 11:50
 Operator : MA/JU
 Sample : PB153264BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB153264BS

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 09 12:48:11 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 08 23:25:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	451207	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1978286	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	1117156	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	2146827	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1724123	20.000	ng	0.00
86) Perylene-d12	23.980	264	1449359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2935069	97.129	ng	0.00
7) Phenol-d6	7.151	99	3570597	86.594	ng	0.00
23) Nitrobenzene-d5	9.157	82	3062023	83.777	ng	0.00
42) 2,4,6-Tribromophenol	16.115	330	1511362	89.918	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	7706234	91.173	ng	0.00
79) Terphenyl-d14	19.986	244	11121853	118.913	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	407969	33.997	ng	98
3) Pyridine	3.805	79	1091132	31.701	ng	96
4) n-Nitrosodimethylamine	3.716	42	531378	38.079	ng	90
6) Aniline	7.310	93	1509617	30.250	ng	99
8) 2-Chlorophenol	7.551	128	1592118	49.831	ng	97
9) Benzaldehyde	7.122	77	354312	16.136	ng	97
10) Phenol	7.175	94	1967679	48.521	ng	97
11) bis(2-Chloroethyl)ether	7.410	93	1415963	43.326	ng	97
12) 1,3-Dichlorobenzene	7.875	146	1543701	48.060	ng	98
13) 1,4-Dichlorobenzene	8.022	146	1591031	48.478	ng	98
14) 1,2-Dichlorobenzene	8.345	146	1547799	47.921	ng	98
15) Benzyl Alcohol	8.234	79	1229172	45.169	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1808913	43.417	ng	99
17) 2-Methylphenol	8.434	107	1324295	45.831	ng	98
18) Hexachloroethane	9.075	117	573202	48.778	ng	96
19) n-Nitroso-di-n-propyla...	8.804	70	1054078	42.075	ng	97
20) 3+4-Methylphenols	8.763	107	1774523	44.985	ng	98
22) Acetophenone	8.816	105	2263045	43.804	ng	98
24) Nitrobenzene	9.198	77	1551654	41.245	ng	96
25) Isophorone	9.728	82	2917308	42.268	ng	97
26) 2-Nitrophenol	9.910	139	795809	50.908	ng	95
27) 2,4-Dimethylphenol	9.975	122	1527523	49.944	ng	96
28) bis(2-Chloroethoxy)met...	10.210	93	1956426	43.908	ng	100
29) 2,4-Dichlorophenol	10.445	162	1458945	52.007	ng	99
30) 1,2,4-Trichlorobenzene	10.663	180	1400681	49.291	ng	99
31) Naphthalene	10.857	128	4673104	43.856	ng	100
32) Benzoic acid	10.128	122	1079285	46.243	ng	94
33) 4-Chloroaniline	10.963	127	635866	13.399	ng	97
34) Hexachlorobutadiene	11.139	225	741036	49.715	ng	99
35) Caprolactam	11.757	113	452485m	46.969	ng	
36) 4-Chloro-3-methylphenol	12.086	107	1497118	45.957	ng	92
37) 2-Methylnaphthalene	12.457	142	3173321	43.067	ng	99
38) 1-Methylnaphthalene	12.675	142	2993783	43.084	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	1531734	51.718	ng	99
41) Hexachlorocyclopentadiene	12.804	237	2227758	144.251	ng	98
43) 2,4,6-Trichlorophenol	13.063	196	1068470	52.597	ng	100

06/12/2023

Supervised By :Jagrut
 Padhyay

06/12/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.133	196	1170547	47.736	ng	96	06/12/2023
46) 1,1'-Biphenyl	13.463	154	4178065	46.642	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	13.504	162	3158294	47.460	ng	98	
48) 2-Nitroaniline	13.710	65	865037	43.354	ng	92	
49) Acenaphthylene	14.351	152	5022138	45.518	ng	99	
50) Dimethylphthalate	14.086	163	3924192	45.037	ng	99	
51) 2,6-Dinitrotoluene	14.204	165	831347	47.606	ng	91	06/12/2023
52) Acenaphthene	14.692	154	3035442	44.605	ng	99	
53) 3-Nitroaniline	14.533	138	592631	27.200	ng	91	
54) 2,4-Dinitrophenol	14.739	184	1014801	90.164	ng	# 83	
55) Dibenzofuran	15.027	168	4708404	44.230	ng	98	
56) 4-Nitrophenol	14.839	139	1706546	96.708	ng	91	
57) 2,4-Dinitrotoluene	14.992	165	1153494	49.494	ng	# 84	
58) Fluorene	15.674	166	3956814	44.406	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.245	232	968726	50.525	ng	93	
60) Diethylphthalate	15.445	149	4015369	45.419	ng	98	
61) 4-Chlorophenyl-phenyle...	15.663	204	1955655	46.954	ng	98	
62) 4-Nitroaniline	15.698	138	981897	42.306	ng	94	
63) Azobenzene	15.957	77	3606060	41.953	ng	95	
65) 4,6-Dinitro-2-methylph...	15.751	198	614661	51.044	ng	87	
66) n-Nitrosodiphenylamine	15.880	169	3349465	47.635	ng	99	
67) 4-Bromophenyl-phenylether	16.557	248	1087065	50.417	ng	95	
68) Hexachlorobenzene	16.674	284	1326027	53.623	ng	92	
69) Atrazine	16.833	200	1069266	55.642	ng	97	
70) Pentachlorophenol	17.015	266	1819729	100.247	ng	99	
71) Phenanthrene	17.410	178	5785543	46.252	ng	99	
72) Anthracene	17.504	178	5911238	47.369	ng	99	
73) Carbazole	17.774	167	5520186	46.376	ng	99	
74) Di-n-butylphthalate	18.333	149	6756288	50.610	ng	99	
75) Fluoranthene	19.421	202	6082807	45.825	ng	99	
77) Benzidine	19.603	184	2280648	70.435	ng	99	
78) Pyrene	19.786	202	6431795	55.944	ng	99	
80) Butylbenzylphthalate	20.680	149	2740936	58.984	ng	90	
81) Benzo(a)anthracene	21.533	228	5831946	49.603	ng	100	
82) 3,3'-Dichlorobenzidine	21.462	252	1613657	41.297	ng	99	
83) Chrysene	21.586	228	5238239	47.032	ng	100	
84) Bis(2-ethylhexyl)phtha...	21.450	149	3964696	57.774	ng	98	
85) Di-n-octyl phthalate	22.392	149	6075727	54.522	ng	97	
87) Indeno(1,2,3-cd)pyrene	26.521	276	4859220	44.714	ng	99	
88) Benzo(b)fluoranthene	23.239	252	4804913	54.739	ng	99	
89) Benzo(k)fluoranthene	23.291	252	4911629	53.537	ng	98	
90) Benzo(a)pyrene	23.874	252	3931709	46.902	ng	100	
91) Dibenzo(a,h)anthracene	26.532	278	4144130	44.174	ng	100	
92) Benzo(g,h,i)perylene	27.297	276	3576391	44.380	ng	99	

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

