

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110123\
 Data File : BM042535.D
 Acq On : 01 Nov 2023 12:19
 Operator : MA/JU
 Sample : PB156350BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB156350BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023

Quant Time: Nov 01 23:40:53 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Oct 31 02:55:18 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	76341	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	289914	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	170201	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	336318	20.000	ng	0.00
76) Chrysene-d12	21.503	240	277257	20.000	ng	0.00
86) Perylene-d12	23.927	264	315672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	688373	145.525	ng	0.00
7) Phenol-d6	7.092	99	857559	132.189	ng	0.00
23) Nitrobenzene-d5	9.128	82	588668	94.654	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	354104	159.354	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1256284	99.321	ng	0.00
79) Terphenyl-d14	19.939	244	1765871	107.995	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	74215	32.921	ng	96
3) Pyridine	3.740	79	190712	29.491	ng	96
4) n-Nitrosodimethylamine	3.669	42	151403	48.650	ng	86
6) Aniline	7.269	93	207836	25.204	ng	96
8) 2-Chlorophenol	7.481	128	240603	47.172	ng	99
9) Benzaldehyde	7.087	77	14279m	3.819	ng	
10) Phenol	7.122	94	303849	46.117	ng	94
11) bis(2-Chloroethyl)ether	7.363	93	236824	42.488	ng	99
12) 1,3-Dichlorobenzene	7.798	146	263457	47.793	ng	97
13) 1,4-Dichlorobenzene	7.957	146	269989	48.394	ng	99
14) 1,2-Dichlorobenzene	8.269	146	255835	47.498	ng	97
15) Benzyl Alcohol	8.192	79	230179	50.117	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	375281m	42.309	ng	
17) 2-Methylphenol	8.375	107	197473	42.329	ng	96
18) Hexachloroethane	8.981	117	107507	49.250	ng	94
19) n-Nitroso-di-n-propyla...	8.745	70	198524	43.258	ng	94
20) 3+4-Methylphenols	8.710	107	264195	42.358	ng	98
22) Acetophenone	8.775	105	363494	49.714	ng	# 96
24) Nitrobenzene	9.169	77	300422	49.044	ng	97
25) Isophorone	9.681	82	527392	47.911	ng	99
26) 2-Nitrophenol	9.869	139	128302	49.163	ng	97
27) 2,4-Dimethylphenol	9.910	122	184948	43.919	ng	97
28) bis(2-Chloroethoxy)met...	10.163	93	310068	46.755	ng	99
29) 2,4-Dichlorophenol	10.392	162	225977	54.234	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	254100	55.646	ng	98
31) Naphthalene	10.792	128	723559	48.306	ng	100
32) Benzoic acid	10.075	122	161728	47.286	ng	94
33) 4-Chloroaniline	10.933	127	98627	16.887	ng	99
34) Hexachlorobutadiene	11.016	225	169374	61.092	ng	99
35) Caprolactam	11.780	113	63663	43.486	ng	98
36) 4-Chloro-3-methylphenol	12.045	107	231073	48.729	ng	98
37) 2-Methylnaphthalene	12.398	142	484061	45.888	ng	97
38) 1-Methylnaphthalene	12.616	142	469846	47.320	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	288870	56.812	ng	98
41) Hexachlorocyclopentadiene	12.692	237	358624	114.780	ng	100
43) 2,4,6-Trichlorophenol	13.010	196	185245	56.880	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	199568	51.495	ng	97
46) 1,1'-Biphenyl	13.410	154	657756	50.556	ng	99
47) 2-Chloronaphthalene	13.457	162	503976	52.802	ng	99
48) 2-Nitroaniline	13.698	65	166287	43.630	ng	97
49) Acenaphthylene	14.304	152	825791	52.241	ng	99
50) Dimethylphthalate	14.045	163	618307	48.605	ng	99
51) 2,6-Dinitrotoluene	14.186	165	131142	50.021	ng	98
52) Acenaphthene	14.639	154	463577	48.322	ng	98
53) 3-Nitroaniline	14.527	138	85399	30.765	ng	96
54) 2,4-Dinitrophenol	14.733	184	176645	93.503	ng	98
55) Dibenzofuran	14.974	168	766742	49.157	ng	99
56) 4-Nitrophenol	14.827	139	202807	84.683	ng	90
57) 2,4-Dinitrotoluene	14.968	165	177743	45.008	ng	97
58) Fluorene	15.621	166	619321	49.074	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	174194	53.365	ng	97
60) Diethylphthalate	15.386	149	613691	47.618	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	330926	51.904	ng	99
62) 4-Nitroaniline	15.692	138	105403	41.078	ng	88
63) Azobenzene	15.904	77	672950	47.385	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	103588	47.922	ng	95
66) n-Nitrosodiphenylamine	15.839	169	503477	53.093	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	191202	56.855	ng	97
68) Hexachlorobenzene	16.592	284	225468	60.603	ng	97
69) Atrazine	16.786	200	133444	48.700	ng	99
70) Pentachlorophenol	16.957	266	298510	109.138	ng	99
71) Phenanthrene	17.368	178	905101	51.497	ng	100
72) Anthracene	17.456	178	900596	51.733	ng	100
73) Carbazole	17.745	167	756689	53.430	ng	100
74) Di-n-butylphthalate	18.268	149	1026496	51.614	ng	99
75) Fluoranthene	19.380	202	1009581	48.900	ng	98
77) Benzidine	19.592	184	408573	153.626	ng	99
78) Pyrene	19.745	202	1049286	55.115	ng	99
80) Butylbenzylphthalate	20.627	149	435222	53.524	ng	98
81) Benzo(a)anthracene	21.492	228	925982	52.492	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	333430	59.473	ng	98
83) Chrysene	21.544	228	888502	49.584	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	641128	52.171	ng	99
85) Di-n-octyl phthalate	22.303	149	1057950	50.015	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	1144508	60.917	ng	94
88) Benzo(b)fluoranthene	23.180	252	922205	52.438	ng	99
89) Benzo(k)fluoranthene	23.233	252	907067	46.286	ng	98
90) Benzo(a)pyrene	23.815	252	815936	47.124	ng	# 98
91) Dibenzo(a,h)anthracene	26.474	278	963330	54.890	ng	# 95
92) Benzo(g,h,i)perylene	27.256	276	946223	57.143	ng	95

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

