

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046348.D
 Acq On : 28 Jun 2024 11:57
 Operator : MA/JU
 Sample : PB161624BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB161624BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 12:38:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 03:23:08 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	71858	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	335507	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	228125	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	489411	20.000	ng	0.00
76) Chrysene-d12	20.997	240	527959	20.000	ng	0.00
86) Perylene-d12	23.668	264	604651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.051	112	714517	159.833	ng	0.00
7) Phenol-d6	6.628	99	979350	154.213	ng	0.00
23) Nitrobenzene-d5	8.534	82	672026	83.037	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	408644	147.297	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1390690	82.626	ng	0.00
79) Terphenyl-d14	19.427	244	2596536	81.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	61386	35.615	ng	94
3) Pyridine	3.416	79	162995	33.842	ng	97
4) n-Nitrosodimethylamine	3.334	42	169664	45.481	ng	96
6) Aniline	6.745	93	184746	32.033	ng	99
8) 2-Chlorophenol	6.963	128	257881	51.777	ng	99
10) Phenol	6.657	94	340973	54.256	ng	100
11) bis(2-Chloroethyl)ether	6.834	93	231141	45.292	ng	98
12) 1,3-Dichlorobenzene	7.257	146	239554	43.383	ng	98
13) 1,4-Dichlorobenzene	7.404	146	243886	42.923	ng	99
14) 1,2-Dichlorobenzene	7.716	146	240403	42.913	ng	98
15) Benzyl Alcohol	7.651	79	261948	50.175	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.898	45	411148	47.339	ng	97
17) 2-Methylphenol	7.869	107	226616	51.711	ng	98
18) Hexachloroethane	8.422	117	107783	42.109	ng	98
19) n-Nitroso-di-n-propyla...	8.198	70	229256	47.551	ng	98
20) 3+4-Methylphenols	8.204	107	326337	51.347	ng	98
22) Acetophenone	8.204	105	412503	44.017	ng	# 96
24) Nitrobenzene	8.575	77	342511	43.082	ng	97
25) Isophorone	9.104	82	615737	44.866	ng	100
26) 2-Nitrophenol	9.275	139	136128	47.841	ng	97
27) 2,4-Dimethylphenol	9.375	122	198037	55.513	ng	99
28) bis(2-Chloroethoxy)met...	9.581	93	341256	45.007	ng	99
29) 2,4-Dichlorophenol	9.822	162	250047	51.902	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	231976	42.524	ng	99
31) Naphthalene	10.175	128	800610	43.543	ng	99
32) Benzoic acid	9.610	122	199383	46.424	ng	95
33) 4-Chloroaniline	10.351	127	171925	26.693	ng	97
34) Hexachlorobutadiene	10.463	225	135743	40.361	ng	98
35) Caprolactam	11.169	113	92124m	52.204	ng	
36) 4-Chloro-3-methylphenol	11.492	107	304011	50.717	ng	97
37) 2-Methylnaphthalene	11.798	142	564000	45.483	ng	98
38) 1-Methylnaphthalene	12.027	142	526202	42.917	ng	99
40) 1,2,4,5-Tetrachloroben...	12.180	216	265425	43.613	ng	98
41) Hexachlorocyclopentadiene	12.157	237	268051	112.395	ng	98
43) 2,4,6-Trichlorophenol	12.451	196	196704	48.662	ng	98
44) 2,4,5-Trichlorophenol	12.545	196	221260	47.503	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	12.845	154	756726	44.308	ng	99
47) 2-Chloronaphthalene	12.874	162	578319	43.624	ng	99
48) 2-Nitroaniline	13.133	65	263685	50.101	ng	99
49) Acenaphthylene	13.739	152	1019596	49.887	ng	99
50) Dimethylphthalate	13.522	163	789556	47.346	ng	100
51) 2,6-Dinitrotoluene	13.627	165	171681	46.229	ng	97
52) Acenaphthene	14.086	154	561990	44.238	ng	100
53) 3-Nitroaniline	13.980	138	133746	35.645	ng	97
54) 2,4-Dinitrophenol	14.180	184	217125	97.834	ng	95
55) Dibenzofuran	14.427	168	943124	46.331	ng	99
56) 4-Nitrophenol	14.345	139	325829	103.682	ng	94
57) 2,4-Dinitrotoluene	14.433	165	255905	47.616	ng	98
58) Fluorene	15.074	166	799333	45.907	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	195697	49.849	ng	99
60) Diethylphthalate	14.892	149	868433	47.339	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	369453	45.584	ng	98
62) 4-Nitroaniline	15.163	138	177796	48.285	ng	97
63) Azobenzene	15.374	77	1047970	47.938	ng	99
65) 4,6-Dinitro-2-methylph...	15.198	198	137136	44.347	ng	96
66) n-Nitrosodiphenylamine	15.310	169	654337	46.030	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	220872	44.199	ng	97
68) Hexachlorobenzene	16.080	284	256144	43.414	ng	98
69) Atrazine	16.286	200	214020	54.466	ng	99
70) Pentachlorophenol	16.445	266	379487	102.261	ng	98
71) Phenanthrene	16.815	178	1223909	46.995	ng	99
72) Anthracene	16.910	178	1217303	48.053	ng	100
73) Carbazole	17.204	167	1198810	48.061	ng	99
74) Di-n-butylphthalate	17.768	149	1571813	46.901	ng	100
75) Fluoranthene	18.845	202	1466339	47.648	ng	99
77) Benzidine	19.068	184	246753	45.045	ng	99
78) Pyrene	19.209	202	1539463	41.978	ng	100
80) Butylbenzylphthalate	20.139	149	810190	46.954	ng	99
81) Benzo(a)anthracene	20.980	228	1636781	47.260	ng	99
82) 3,3'-Dichlorobenzidine	20.927	252	472647	42.546	ng	97
83) Chrysene	21.039	228	1570921	47.427	ng	99
84) Bis(2-ethylhexyl)phtha...	20.927	149	1274546	43.482	ng	99
85) Di-n-octyl phthalate	21.939	149	2165093	49.634	ng	100
87) Indeno(1,2,3-cd)pyrene	26.627	276	2064422	53.233	ng	100
88) Benzo(b)fluoranthene	22.839	252	1762076	49.201	ng	100
89) Benzo(k)fluoranthene	22.891	252	1807808	50.744	ng	99
90) Benzo(a)pyrene	23.544	252	1659540	52.757	ng	99
91) Dibenzo(a,h)anthracene	26.668	278	1720035	53.118	ng	99
92) Benzo(g,h,i)perylene	27.538	276	1596722	49.783	ng	99

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

