

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138617.D
 Acq On : 23 Jul 2024 14:26
 Operator : RC/JU
 Sample : PB162084BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB162084BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024

Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 23 15:09:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 09 16:58:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	86746	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	357957	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	189830	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	320457	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	157674	20.000	ng	-0.01
86) Perylene-d12	15.474	264	158633	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	695508	126.982	ng	0.00
7) Phenol-d6	6.493	99	926496	127.155	ng	-0.01
23) Nitrobenzene-d5	7.422	82	605780	83.089	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	220845	124.479	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1013350	83.431	ng	-0.02
79) Terphenyl-d14	12.963	244	978504	101.101	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	89381	36.846	ng	98
3) Pyridine	3.475	79	241353	40.345	ng	96
4) n-Nitrosodimethylamine	3.440	42	174724	44.866	ng	91
6) Aniline	6.516	93	226099	33.129	ng	# 26
8) 2-Chlorophenol	6.640	128	279252	48.217	ng	97
9) Benzaldehyde	6.404	77	23431	6.008	ng	97
10) Phenol	6.510	94	356281	46.067	ng	89
11) bis(2-Chloroethyl)ether	6.593	93	277161	47.598	ng	99
12) 1,3-Dichlorobenzene	6.793	146	288006	44.240	ng	97
13) 1,4-Dichlorobenzene	6.869	146	288905	43.702	ng	98
14) 1,2-Dichlorobenzene	7.022	146	280322	45.528	ng	97
15) Benzyl Alcohol	6.998	79	261011	47.732	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	495246	43.249	ng	84
17) 2-Methylphenol	7.116	107	225115	47.427	ng	# 90
18) Hexachloroethane	7.363	117	110891	45.628	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	211447	46.965	ng	96
20) 3+4-Methylphenols	7.269	107	279472	46.757	ng	# 90
22) Acetophenone	7.263	105	361738	41.609	ng	98
24) Nitrobenzene	7.440	77	320903	43.313	ng	97
25) Isophorone	7.675	82	571204	45.622	ng	100
26) 2-Nitrophenol	7.751	139	149469	47.070	ng	94
27) 2,4-Dimethylphenol	7.793	122	193666m	49.622	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	342816	45.815	ng	98
29) 2,4-Dichlorophenol	7.998	162	224469	44.290	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	241759	40.947	ng	99
31) Naphthalene	8.157	128	818410	43.961	ng	100
32) Benzoic acid	7.928	122	130204	34.978	ng	93
33) 4-Chloroaniline	8.204	127	123694	18.937	ng	99
34) Hexachlorobutadiene	8.269	225	142473	39.187	ng	99
35) Caprolactam	8.581	113	67551m	41.304	ng	
36) 4-Chloro-3-methylphenol	8.698	107	254697	44.888	ng	100
37) 2-Methylnaphthalene	8.851	142	524050	43.743	ng	100
38) 1-Methylnaphthalene	8.951	142	482864	41.298	ng	97
40) 1,2,4,5-Tetrachloroben...	9.016	216	215621	40.755	ng	98
41) Hexachlorocyclopentadiene	8.998	237	202581	117.968	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	147818	43.800	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	155386	41.862	ng	94
46) 1,1'-Biphenyl	9.316	154	599736	41.688	ng	99
47) 2-Chloronaphthalene	9.339	162	481978	44.348	ng	99
48) 2-Nitroaniline	9.439	65	178465	47.387	ng	98
49) Acenaphthylene	9.757	152	754129	48.874	ng	100
50) Dimethylphthalate	9.616	163	560102	45.630	ng	100
51) 2,6-Dinitrotoluene	9.681	165	124967	44.217	ng	91
52) Acenaphthene	9.928	154	471019	45.923	ng	100
53) 3-Nitroaniline	9.845	138	81717	28.210	ng	91
54) 2,4-Dinitrophenol	9.963	184	117788	77.792	ng	91
55) Dibenzofuran	10.098	168	664685	44.679	ng	99
56) 4-Nitrophenol	10.022	139	176371	82.519	ng	98
57) 2,4-Dinitrotoluene	10.086	165	164386	44.954	ng	93
58) Fluorene	10.439	166	519193	44.106	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	127801	43.626	ng	96
60) Diethylphthalate	10.316	149	531439	44.910	ng	99
61) 4-Chlorophenyl-phenyle...	10.434	204	252425	42.704	ng	95
62) 4-Nitroaniline	10.469	138	123920	42.691	ng	99
63) Azobenzene	10.592	77	589818	46.360	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	91678	49.546	ng	80
66) n-Nitrosodiphenylamine	10.551	169	451926	47.070	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	148388	45.052	ng	100
68) Hexachlorobenzene	10.986	284	163452	44.671	ng	97
69) Atrazine	11.081	200	137476	43.188	ng	98
70) Pentachlorophenol	11.186	266	166442	76.873	ng	98
71) Phenanthrene	11.404	178	753210	46.524	ng	99
72) Anthracene	11.457	178	758937	47.224	ng	99
73) Carbazole	11.610	167	657519	45.527	ng	99
74) Di-n-butylphthalate	11.933	149	792080	47.580	ng	100
75) Fluoranthene	12.592	202	726942	44.004	ng	98
77) Benzidine	12.710	184	130861	32.895	ng	99
78) Pyrene	12.822	202	727787	45.470	ng	100
80) Butylbenzylphthalate	13.433	149	258397	53.666	ng	98
81) Benzo(a)anthracene	14.004	228	504033	47.640	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	89606	32.869	ng	# 98
83) Chrysene	14.039	228	461766	46.137	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	283766	55.259	ng	98
85) Di-n-octyl phthalate	14.598	149	396511	48.878	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	502853	47.192	ng	99
88) Benzo(b)fluoranthene	15.051	252	404957	45.329	ng	99
89) Benzo(k)fluoranthene	15.080	252	390527	44.821	ng	99
90) Benzo(a)pyrene	15.416	252	382421	48.729	ng	99
91) Dibenzo(a,h)anthracene	16.963	278	399730	45.860	ng	100
92) Benzo(g,h,i)perylene	17.392	276	390118	42.209	ng	96

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

