

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
 Data File : BF132457.D
 Acq On : 17 Feb 2023 18:59
 Operator : CG\JU
 Sample : PB150925BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150925BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/18/2023
 Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 18 01:00:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 18 00:58:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.025	152	253273	20.000	ng	0.00
21) Naphthalene-d8	8.313	136	946456	20.000	ng	0.00
39) Acenaphthene-d10	10.078	164	507057	20.000	ng	0.00
64) Phenanthrene-d10	11.572	188	949476	20.000	ng	0.00
76) Chrysene-d12	14.230	240	614695	20.000	ng	0.00
86) Perylene-d12	15.783	264	506525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.660	112	1858184	117.560	ng	0.02
7) Phenol-d6	6.654	99	2435420	118.000	ng	0.00
23) Nitrobenzene-d5	7.590	82	1640599	83.289	ng	0.00
42) 2,4,6-Tribromophenol	10.872	330	637429	125.996	ng	0.00
45) 2-Fluorobiphenyl	9.390	172	2469232	75.203	ng	0.00
79) Terphenyl-d14	13.160	244	2942140	87.169	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	311799	36.465	ng	98
3) Pyridine	3.760	79	806384	34.743	ng	97
4) n-Nitrosodimethylamine	3.725	42	381620	41.643	ng	96
6) Aniline	6.690	93	949507	33.023	ng	97
8) 2-Chlorophenol	6.807	128	743398	46.070	ng	98
9) Benzaldehyde	6.572	77	212313	19.240	ng	97
10) Phenol	6.666	94	906921m	41.464	ng	
11) bis(2-Chloroethyl)ether	6.754	93	878461	47.349	ng	98
12) 1,3-Dichlorobenzene	6.966	146	764816	43.509	ng	98
13) 1,4-Dichlorobenzene	7.043	146	759039	43.287	ng	98
14) 1,2-Dichlorobenzene	7.196	146	740402	46.087	ng	99
15) Benzyl Alcohol	7.166	79	688922	45.127	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.296	45	1127378	43.703	ng	98
17) 2-Methylphenol	7.272	107	632819	41.196	ng	98
18) Hexachloroethane	7.537	117	309144	46.692	ng	95
19) n-Nitroso-di-n-propyla...	7.437	70	544707	43.050	ng	99
20) 3+4-Methylphenols	7.425	107	730785	38.532	ng	# 77
22) Acetophenone	7.437	105	988559	40.301	ng	98
24) Nitrobenzene	7.613	77	889914	41.207	ng	98
25) Isophorone	7.848	82	1633381	42.200	ng	100
26) 2-Nitrophenol	7.925	139	402759	47.975	ng	95
27) 2,4-Dimethylphenol	7.954	122	653859	43.137	ng	99
28) bis(2-Chloroethoxy)met...	8.054	93	963679	42.605	ng	100
29) 2,4-Dichlorophenol	8.166	162	607521	42.484	ng	98
30) 1,2,4-Trichlorobenzene	8.248	180	681609	42.859	ng	98
31) Naphthalene	8.337	128	1947330	39.646	ng	100
32) Benzoic acid	8.090	122	541549	49.255	ng	98
33) 4-Chloroaniline	8.384	127	241373	11.828	ng	95
34) Hexachlorobutadiene	8.443	225	433981	43.224	ng	97
35) Caprolactam	8.754	113	212909m	45.862	ng	
36) 4-Chloro-3-methylphenol	8.860	107	687088	42.942	ng	98
37) 2-Methylnaphthalene	9.025	142	1292764	39.108	ng	99
38) 1-Methylnaphthalene	9.125	142	1205364	38.813	ng	99
40) 1,2,4,5-Tetrachloroben...	9.195	216	661386	40.254	ng	99
41) Hexachlorocyclopentadiene	9.178	237	826032	91.536	ng	98
43) 2,4,6-Trichlorophenol	9.301	196	471623	43.575	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	491818	39.013	ng	98
46) 1,1'-Biphenyl	9.495	154	1557636	39.690	ng	100
47) 2-Chloronaphthalene	9.519	162	1250878	40.608	ng	100
48) 2-Nitroaniline	9.613	65	451041	41.733	ng	95
49) Acenaphthylene	9.937	152	1905616	38.937	ng	99
50) Dimethylphthalate	9.795	163	1498769	40.138	ng	100
51) 2,6-Dinitrotoluene	9.854	165	348710	42.942	ng	99
52) Acenaphthene	10.113	154	1379711	45.300	ng	99
53) 3-Nitroaniline	10.025	138	260064	27.894	ng	96
54) 2,4-Dinitrophenol	10.137	184	446558	88.011	ng	95
55) Dibenzofuran	10.284	168	1739117	38.485	ng	99
56) 4-Nitrophenol	10.189	139	574475	84.930	ng	89
57) 2,4-Dinitrotoluene	10.260	165	471838	44.140	ng	96
58) Fluorene	10.631	166	1333561	39.033	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.401	232	418008	43.874	ng	99
60) Diethylphthalate	10.495	149	1478688	40.284	ng	98
61) 4-Chlorophenyl-phenyle...	10.613	204	698031	39.015	ng	99
62) 4-Nitroaniline	10.654	138	361564	41.560	ng	96
63) Azobenzene	10.778	77	1615610	39.780	ng	98
65) 4,6-Dinitro-2-methylph...	10.672	198	282436	47.846	ng	89
66) n-Nitrosodiphenylamine	10.736	169	1210063	41.523	ng	99
67) 4-Bromophenyl-phenylether	11.107	248	443249	42.594	ng	98
68) Hexachlorobenzene	11.178	284	486178	44.694	ng	99
69) Atrazine	11.260	200	412695	46.009	ng	99
70) Pentachlorophenol	11.372	266	544608	80.528	ng	98
71) Phenanthrene	11.595	178	1962260	40.127	ng	99
72) Anthracene	11.648	178	2015323	40.089	ng	99
73) Carbazole	11.801	167	1850311	40.889	ng	99
74) Di-n-butylphthalate	12.119	149	2298492	42.644	ng	99
75) Fluoranthene	12.789	202	2153218	39.483	ng	98
77) Benzidine	12.907	184	624992	47.749	ng	98
78) Pyrene	13.025	202	2223300	42.577	ng	99
80) Butylbenzylphthalate	13.630	149	980407	50.316	ng	99
81) Benzo(a)anthracene	14.219	228	1911758	42.464	ng	100
82) 3,3'-Dichlorobenzidine	14.177	252	471510	39.210	ng	# 98
83) Chrysene	14.254	228	1763998	41.009	ng	99
84) Bis(2-ethylhexyl)phtha...	14.189	149	1323074	52.453	ng	# 97
85) Di-n-octyl phthalate	14.813	149	2162408	59.039	ng	99
87) Indeno(1,2,3-cd)pyrene	17.395	276	1564692	48.325	ng	100
88) Benzo(b)fluoranthene	15.319	252	1703108	51.130	ng	100
89) Benzo(k)fluoranthene	15.354	252	1502110	45.063	ng	99
90) Benzo(a)pyrene	15.719	252	1366728	44.151	ng	99
91) Dibenzo(a,h)anthracene	17.418	278	1283588	48.131	ng	98
92) Benzo(g,h,i)perylene	17.895	276	1328991	48.525	ng	98

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

