

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137802.D
 Acq On : 01 May 2024 20:26
 Operator : CG\JU
 Sample : P2307-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: May 02 01:33:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	184755	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	735488	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	417284	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	747019	20.000	ng	0.00
76) Chrysene-d12	14.251	240	416534	20.000	ng	0.00
86) Perylene-d12	15.821	264	382619	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	1445272	130.974	ng	0.02
7) Phenol-d6	6.681	99	1751429	125.132	ng	0.00
23) Nitrobenzene-d5	7.622	82	1189557	93.966	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	654067	153.516	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2450180	95.261	ng	0.00
79) Terphenyl-d14	13.186	244	2732565	109.941	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.163	88	185165	37.263	ng	# 85
3) Pyridine	3.852	79	347152	28.866	ng	95
4) n-Nitrosodimethylamine	3.799	42	244719	45.188	ng	96
6) Aniline	6.722	93	126672	9.131	ng	99
8) 2-Chlorophenol	6.845	128	587067	48.818	ng	97
9) Benzaldehyde	6.610	77	169797	22.527	ng	95
10) Phenol	6.693	94	631439	44.028	ng	99
11) bis(2-Chloroethyl)ether	6.793	93	509487	45.369	ng	99
12) 1,3-Dichlorobenzene	6.998	146	584663	43.114	ng	99
13) 1,4-Dichlorobenzene	7.075	146	595451	43.760	ng	100
14) 1,2-Dichlorobenzene	7.228	146	576861	45.011	ng	99
15) Benzyl Alcohol	7.192	79	423364	43.739	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.322	45	692846	43.894	ng	97
17) 2-Methylphenol	7.298	107	473948	48.843	ng	99
18) Hexachloroethane	7.569	117	199555	43.381	ng	95
19) n-Nitroso-di-n-propyla...	7.463	70	393974	47.100	ng	98
20) 3+4-Methylphenols	7.451	107	615695	48.228	ng	# 88
22) Acetophenone	7.463	105	793279	47.957	ng	99
24) Nitrobenzene	7.640	77	595002	45.603	ng	97
25) Isophorone	7.875	82	1089455	47.731	ng	99
26) 2-Nitrophenol	7.951	139	318694	53.939	ng	92
27) 2,4-Dimethylphenol	7.981	122	449550	52.850	ng	97
28) bis(2-Chloroethoxy)met...	8.081	93	634715	45.928	ng	99
29) 2,4-Dichlorophenol	8.192	162	521499	50.723	ng	98
30) 1,2,4-Trichlorobenzene	8.281	180	517011	46.128	ng	99
31) Naphthalene	8.363	128	1718875	47.027	ng	99
32) Benzoic acid	8.092	122	399527	54.445	ng	97
33) 4-Chloroaniline	8.404	127	38576	2.846	ng	98
34) Hexachlorobutadiene	8.475	225	300686	43.696	ng	97
35) Caprolactam	8.775	113	162117m	49.766	ng	
36) 4-Chloro-3-methylphenol	8.881	107	551505	51.438	ng	95
37) 2-Methylnaphthalene	9.057	142	1145975	48.436	ng	99
38) 1-Methylnaphthalene	9.157	142	1079528	46.378	ng	100
40) 1,2,4,5-Tetrachloroben...	9.222	216	540628	48.917	ng	99
41) Hexachlorocyclopentadiene	9.204	237	603967	134.542	ng	98
43) 2,4,6-Trichlorophenol	9.328	196	395218	52.533	ng	98

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44) 2,4,5-Trichlorophenol	9.369	196	422231	50.828	ng	96
46) 1,1'-Biphenyl	9.522	154	1438568	50.234	ng	99
47) 2-Chloronaphthalene	9.551	162	1124713	48.646	ng	99
48) 2-Nitroaniline	9.639	65	317795	50.682	ng	99
49) Acenaphthylene	9.969	152	1801990	53.879	ng	100
50) Dimethylphthalate	9.822	163	1367295	51.904	ng	99
51) 2,6-Dinitrotoluene	9.881	165	315377	52.387	ng	99
52) Acenaphthene	10.139	154	1223864	55.206	ng	99
53) 3-Nitroaniline	10.051	138	47992	7.613	ng	97
54) 2,4-Dinitrophenol	10.157	184	367621	124.279	ng	# 88
55) Dibenzofuran	10.316	168	1633546	50.635	ng	98
56) 4-Nitrophenol	10.204	139	440907	84.383	ng	95
57) 2,4-Dinitrotoluene	10.292	165	427609	54.369	ng	89
58) Fluorene	10.657	166	1285735	50.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	359123	53.250	ng	99
60) Diethylphthalate	10.522	149	1270978	50.801	ng	98
61) 4-Chlorophenyl-phenyle...	10.645	204	624264	49.346	ng	99
62) 4-Nitroaniline	10.669	138	187094	29.258	ng	95
63) Azobenzene	10.804	77	1164912	48.175	ng	99
65) 4,6-Dinitro-2-methylph...	10.698	198	252403	58.868	ng	83
66) n-Nitrosodiphenylamine	10.763	169	746187	33.370	ng	99
67) 4-Bromophenyl-phenylether	11.139	248	397000	49.658	ng	98
68) Hexachlorobenzene	11.204	284	432575	49.512	ng	99
69) Atrazine	11.280	200	157819	23.147	ng	98
70) Pentachlorophenol	11.398	266	573345	95.587	ng	99
71) Phenanthrene	11.628	178	1830323	50.269	ng	100
72) Anthracene	11.680	178	1856518	51.245	ng	100
73) Carbazole	11.827	167	1193433	34.181	ng	99
74) Di-n-butylphthalate	12.151	149	1964217	51.572	ng	99
75) Fluoranthene	12.822	202	1846227	46.386	ng	99
77) Benzidine	12.939	184	16093m	1.671	ng	
78) Pyrene	13.051	202	1840774	55.737	ng	100
80) Butylbenzylphthalate	13.657	149	705846	67.361	ng	97
81) Benzo(a)anthracene	14.239	228	1384822	51.980	ng	99
82) 3,3'-Dichlorobenzidine	14.198	252	11855	1.486	ng	# 96
83) Chrysene	14.280	228	1296404	51.971	ng	99
84) Bis(2-ethylhexyl)phtha...	14.210	149	957995	72.542	ng	98
85) Di-n-octyl phthalate	14.839	149	1402786	78.929	ng	98
87) Indeno(1,2,3-cd)pyrene	17.468	276	1247301	57.339	ng	99
88) Benzo(b)fluoranthene	15.351	252	1223112	51.379	ng	100
89) Benzo(k)fluoranthene	15.386	252	1232880	53.583	ng	98
90) Benzo(a)pyrene	15.757	252	1107805	57.041	ng	99
91) Dibenzo(a,h)anthracene	17.486	278	1013969	57.266	ng	98
92) Benzo(g,h,i)perylene	17.968	276	927774	49.983	ng	98

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

