

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138280.D
 Acq On : 21 Jun 2024 12:20
 Operator : CG\JU
 Sample : PB161600BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161600BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jun 21 12:48:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	376697	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1500091	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	834587	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1459301	20.000	ng	0.00
76) Chrysene-d12	14.045	240	766053	20.000	ng	0.00
86) Perylene-d12	15.515	264	729682	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2473928	109.862	ng	0.01
7) Phenol-d6	6.528	99	3132048	109.687	ng	0.00
23) Nitrobenzene-d5	7.457	82	2001531	77.677	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	1008320	121.360	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3591241	68.424	ng	0.00
79) Terphenyl-d14	12.998	244	3878700	80.193	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.757	88	299656	29.078	ng	97
3) Pyridine	3.510	79	698074	28.502	ng	97
4) n-Nitrosodimethylamine	3.475	42	448841	39.597	ng	94
6) Aniline	6.551	93	636490	22.781	ng	97
8) 2-Chlorophenol	6.675	128	1071547	44.014	ng	100
9) Benzaldehyde	6.434	77	417558	27.533	ng	98
10) Phenol	6.540	94	1191628m	41.122	ng	
11) bis(2-Chloroethyl)ether	6.628	93	1005237	43.344	ng	98
12) 1,3-Dichlorobenzene	6.828	146	1053357	38.071	ng	99
13) 1,4-Dichlorobenzene	6.904	146	1074477	38.590	ng	99
14) 1,2-Dichlorobenzene	7.057	146	1050755	40.200	ng	98
15) Benzyl Alcohol	7.034	79	863449	44.847	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1286179	39.295	ng	96
17) 2-Methylphenol	7.140	107	823013	42.847	ng	99
18) Hexachloroethane	7.398	117	388452	41.180	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	688751	40.692	ng	99
20) 3+4-Methylphenols	7.292	107	944893	39.083	ng	96
22) Acetophenone	7.298	105	1324233	38.643	ng	# 92
24) Nitrobenzene	7.475	77	1041952	39.124	ng	91
25) Isophorone	7.710	82	1962607	42.109	ng	100
26) 2-Nitrophenol	7.787	139	583772	54.512	ng	99
27) 2,4-Dimethylphenol	7.822	122	721026m	44.255	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	1218689	41.770	ng	100
29) 2,4-Dichlorophenol	8.028	162	886995	42.287	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	985950	39.857	ng	99
31) Naphthalene	8.192	128	2862804	38.595	ng	100
32) Benzoic acid	7.963	122	761650	53.042	ng	98
33) 4-Chloroaniline	8.239	127	647598	23.359	ng	98
34) Hexachlorobutadiene	8.304	225	560651	38.752	ng	98
35) Caprolactam	8.622	113	295963m	46.737	ng	
36) 4-Chloro-3-methylphenol	8.722	107	918528	43.981	ng	96
37) 2-Methylnaphthalene	8.881	142	1925493	39.553	ng	99
38) 1-Methylnaphthalene	8.981	142	1790843	37.540	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	971399	39.831	ng	100
41) Hexachlorocyclopentadiene	9.034	237	758431	95.373	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	668978	43.808	ng	99

06/24/2024
 Supervised By :mohammad
 Ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	724142	43.181	ng	99
46) 1,1'-Biphenyl	9.351	154	2348978	38.356	ng	98
47) 2-Chloronaphthalene	9.375	162	1859264	38.415	ng	99
48) 2-Nitroaniline	9.469	65	553270	47.467	ng	95
49) Acenaphthylene	9.786	152	2831394	41.720	ng	100
50) Dimethylphthalate	9.651	163	2223313	43.479	ng	99
51) 2,6-Dinitrotoluene	9.710	165	523765	47.214	ng	95
52) Acenaphthene	9.963	154	1986804m	42.931	ng	99
53) 3-Nitroaniline	9.881	138	418322	35.299	ng	96
54) 2,4-Dinitrophenol	9.986	184	594796	97.408	ng	97
55) Dibenzofuran	10.133	168	2543626	39.317	ng	99
56) 4-Nitrophenol	10.045	139	868827	92.771	ng	94
57) 2,4-Dinitrotoluene	10.116	165	696103	50.875	ng	94
58) Fluorene	10.475	166	1915475	37.657	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	590848	45.082	ng	99
60) Diethylphthalate	10.351	149	2082172	42.903	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	994214	39.246	ng	98
62) 4-Nitroaniline	10.498	138	485335	40.988	ng	97
63) Azobenzene	10.628	77	1971562	40.549	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	405529	53.591	ng	91
66) n-Nitrosodiphenylamine	10.586	169	1789483	40.054	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	682563	41.509	ng	96
68) Hexachlorobenzene	11.016	284	783765	40.843	ng	98
69) Atrazine	11.116	200	584645	45.943	ng	99
70) Pentachlorophenol	11.216	266	878332	78.481	ng	97
71) Phenanthrene	11.439	178	2847345	39.455	ng	100
72) Anthracene	11.486	178	2822751	39.395	ng	99
73) Carbazole	11.639	167	2562398	38.991	ng	99
74) Di-n-butylphthalate	11.969	149	3001865	44.122	ng	99
75) Fluoranthene	12.622	202	2837841	38.562	ng	98
77) Benzidine	12.739	184	57945	6.540	ng	98
78) Pyrene	12.851	202	2849447	43.123	ng	100
80) Butylbenzylphthalate	13.469	149	1045012	58.142	ng	98
81) Benzo(a)anthracene	14.033	228	2047878	41.669	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	585226	43.242	ng	99
83) Chrysene	14.074	228	1990226	42.485	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	1277786	61.126	ng	98
85) Di-n-octyl phthalate	14.639	149	2065910	66.524	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	2592417	54.499	ng	99
88) Benzo(b)fluoranthene	15.086	252	2156820	50.123	ng	98
89) Benzo(k)fluoranthene	15.121	252	1880846	44.601	ng	99
90) Benzo(a)pyrene	15.457	252	1885448	51.003	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	2153653	55.159	ng	99
92) Benzo(g,h,i)perylene	17.456	276	2075656	51.388	ng	99

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

