

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139179.D
 Acq On : 27 Aug 2024 11:02
 Operator : RC/JU
 Sample : PB162379BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162379BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2024
 Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 11:51:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	129929	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	483026	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	278261	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	487493	20.000	ng	0.00
76) Chrysene-d12	14.051	240	261728	20.000	ng	0.00
86) Perylene-d12	15.521	264	237760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	966812	125.037	ng	0.02
7) Phenol-d6	6.528	99	1266767	119.374	ng	0.00
23) Nitrobenzene-d5	7.457	82	829462	95.134	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	334168	140.220	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1378196	76.936	ng	0.00
79) Terphenyl-d14	12.998	244	1455917	86.796	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	114038	31.186	ng	99
3) Pyridine	3.528	79	295271	32.491	ng	99
4) n-Nitrosodimethylamine	3.493	42	234398	44.304	ng	96
6) Aniline	6.557	93	261524	26.291	ng	# 90
8) 2-Chlorophenol	6.681	128	367785	50.065	ng	97
9) Benzaldehyde	6.440	77	99406	14.966	ng	100
10) Phenol	6.540	94	493465	46.077	ng	97
11) bis(2-Chloroethyl)ether	6.634	93	378551	44.862	ng	99
12) 1,3-Dichlorobenzene	6.834	146	398653	41.151	ng	99
13) 1,4-Dichlorobenzene	6.910	146	402789	41.442	ng	100
14) 1,2-Dichlorobenzene	7.063	146	385391	42.144	ng	99
15) Benzyl Alcohol	7.034	79	386299	48.296	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	540924	44.220	ng	95
17) 2-Methylphenol	7.145	107	303355	45.297	ng	99
18) Hexachloroethane	7.404	117	141649	46.065	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	298491	47.029	ng	98
20) 3+4-Methylphenols	7.298	107	386263	45.217	ng	93
22) Acetophenone	7.304	105	495548	39.928	ng	97
24) Nitrobenzene	7.481	77	442844	43.892	ng	97
25) Isophorone	7.716	82	782916	45.408	ng	100
26) 2-Nitrophenol	7.793	139	169193	53.449	ng	99
27) 2,4-Dimethylphenol	7.828	122	258840	50.650	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	434646	43.541	ng	99
29) 2,4-Dichlorophenol	8.034	162	306960	48.664	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	337380	41.476	ng	99
31) Naphthalene	8.198	128	1034297	41.877	ng	100
32) Benzoic acid	7.951	122	200082	46.219	ng	99
33) 4-Chloroaniline	8.245	127	184732	21.704	ng	99
34) Hexachlorobutadiene	8.310	225	215193	40.711	ng	98
35) Caprolactam	8.616	113	93468m	48.303	ng	
36) 4-Chloro-3-methylphenol	8.722	107	345190	47.716	ng	97
37) 2-Methylnaphthalene	8.887	142	669166	43.218	ng	99
38) 1-Methylnaphthalene	8.987	142	612937	40.503	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	316149	38.304	ng	99
41) Hexachlorocyclopentadiene	9.039	237	288668	108.921	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	235652	51.063	ng	100

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44) 2,4,5-Trichlorophenol	9.216	196	226595	46.842	ng	99
46) 1,1'-Biphenyl	9.351	154	769156	38.188	ng	100
47) 2-Chloronaphthalene	9.375	162	650336	40.473	ng	98
48) 2-Nitroaniline	9.469	65	229547	48.465	ng	98
49) Acenaphthylene	9.792	152	1024616	45.254	ng	100
50) Dimethylphthalate	9.657	163	750230	46.673	ng	100
51) 2,6-Dinitrotoluene	9.716	165	161824	47.141	ng	91
52) Acenaphthene	9.963	154	693048	46.596	ng	99
53) 3-Nitroaniline	9.881	138	118583	35.112	ng	99
54) 2,4-Dinitrophenol	9.986	184	153436	88.522	ng #	52
55) Dibenzofuran	10.139	168	918571	42.317	ng	100
56) 4-Nitrophenol	10.039	139	256425	86.876	ng	97
57) 2,4-Dinitrotoluene	10.116	165	218041	49.727	ng	98
58) Fluorene	10.481	166	716857	41.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	203131	52.394	ng	99
60) Diethylphthalate	10.351	149	718814	47.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	350447	41.698	ng	98
62) 4-Nitroaniline	10.498	138	158048	44.814	ng	99
63) Azobenzene	10.633	77	808517	43.939	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	106358	54.306	ng	99
66) n-Nitrosodiphenylamine	10.592	169	621541	43.050	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	217757	42.040	ng	97
68) Hexachlorobenzene	11.022	284	241454	43.074	ng	100
69) Atrazine	11.116	200	160088	50.836	ng	99
70) Pentachlorophenol	11.216	266	294536	89.495	ng	99
71) Phenanthrene	11.439	178	1074473	43.616	ng	100
72) Anthracene	11.492	178	1074783	44.757	ng	100
73) Carbazole	11.645	167	944436	43.965	ng	99
74) Di-n-butylphthalate	11.975	149	1007953	54.138	ng	99
75) Fluoranthene	12.627	202	1047859	43.831	ng	100
77) Benzidine	12.745	184	29781	6.743	ng	99
78) Pyrene	12.857	202	1049963	42.708	ng	99
80) Butylbenzylphthalate	13.474	149	283336	55.342	ng	98
81) Benzo(a)anthracene	14.039	228	803403	46.328	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	171562	42.491	ng	100
83) Chrysene	14.080	228	692310	44.256	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	268144	49.276	ng	99
85) Di-n-octyl phthalate	14.651	149	474357	42.249	ng	99
87) Indeno(1,2,3-cd)pyrene	17.010	276	771788	47.474	ng	100
88) Benzo(b)fluoranthene	15.092	252	734711	52.825	ng	99
89) Benzo(k)fluoranthene	15.127	252	626089	49.791	ng	100
90) Benzo(a)pyrene	15.463	252	634709	53.764	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	630664	47.330	ng	99
92) Benzo(g,h,i)perylene	17.462	276	596305	43.265	ng	98

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

