

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134288.D
 Acq On : 14 Jul 2023 13:37
 Operator : CG\JU
 Sample : PB154028BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154028BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 15 00:24:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	149093	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	565129	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	289879	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	580139	20.000	ng	0.00
76) Chrysene-d12	14.045	240	458067	20.000	ng	0.00
86) Perylene-d12	15.551	264	454559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	592677	66.496	ng	0.02
7) Phenol-d6	6.487	99	706866	64.488	ng	0.00
23) Nitrobenzene-d5	7.410	82	489741	46.714	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	262640	72.263	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	947560	47.525	ng	0.00
79) Terphenyl-d14	12.974	244	1210960	42.547	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	66084	17.982	ng	99
3) Pyridine	3.463	79	160361	16.752	ng	94
4) n-Nitrosodimethylamine	3.416	42	113358	20.734	ng	99
6) Aniline	6.510	93	268312	20.116	ng	95
8) 2-Chlorophenol	6.628	128	209403	23.144	ng	97
9) Benzaldehyde	6.398	77	132141	18.935	ng	97
10) Phenol	6.498	94	260518	22.605	ng	88
11) bis(2-Chloroethyl)ether	6.581	93	188946	22.269	ng	98
12) 1,3-Dichlorobenzene	6.781	146	228819	23.722	ng	98
13) 1,4-Dichlorobenzene	6.863	146	235713	24.193	ng	98
14) 1,2-Dichlorobenzene	7.010	146	222642	24.400	ng	99
15) Benzyl Alcohol	6.992	79	195432	23.128	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	306862	20.443	ng	89
17) 2-Methylphenol	7.098	107	173381	21.400	ng	95
18) Hexachloroethane	7.351	117	89718	24.835	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	155911	22.429	ng	98
20) 3+4-Methylphenols	7.257	107	218342	22.214	ng	96
22) Acetophenone	7.251	105	305128	23.741	ng	98
24) Nitrobenzene	7.428	77	235943	22.271	ng	94
25) Isophorone	7.663	82	416896	21.880	ng	97
26) 2-Nitrophenol	7.745	139	117137	23.049	ng	97
27) 2,4-Dimethylphenol	7.781	122	185796	23.096	ng	94
28) bis(2-Chloroethoxy)met...	7.875	93	241491	21.889	ng	100
29) 2,4-Dichlorophenol	7.986	162	179607	22.515	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	193987	23.567	ng	97
31) Naphthalene	8.145	128	604601	22.149	ng	99
32) Benzoic acid	7.910	122	130484	21.646	ng	94
33) 4-Chloroaniline	8.198	127	138875	11.893	ng	99
34) Hexachlorobutadiene	8.257	225	126207	24.307	ng	99
35) Caprolactam	8.575	113	59051m	22.482	ng	
36) 4-Chloro-3-methylphenol	8.686	107	206627	23.057	ng	99
37) 2-Methylnaphthalene	8.839	142	408245	21.149	ng	100
38) 1-Methylnaphthalene	8.939	142	381280	21.247	ng	97
40) 1,2,4,5-Tetrachloroben...	9.004	216	199510	23.231	ng	98
41) Hexachlorocyclopentadiene	8.986	237	210290	51.613	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	130883	22.387	ng	98

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44) 2,4,5-Trichlorophenol	9.163	196	144479	21.009	ng	97
46) 1,1'-Biphenyl	9.304	154	523038	22.493	ng	98
47) 2-Chloronaphthalene	9.328	162	389085	22.869	ng	96
48) 2-Nitroaniline	9.428	65	138712	22.371	ng	95
49) Acenaphthylene	9.745	152	631180	21.718	ng	99
50) Dimethylphthalate	9.610	163	466243	22.157	ng	99
51) 2,6-Dinitrotoluene	9.675	165	102699	22.660	ng	95
52) Acenaphthene	9.916	154	376331	22.316	ng	99
53) 3-Nitroaniline	9.845	138	88639	16.303	ng	97
54) 2,4-Dinitrophenol	9.957	184	118836	47.074	ng	90
55) Dibenzofuran	10.092	168	573757	21.770	ng	98
56) 4-Nitrophenol	10.016	139	158717	41.733	ng	89
57) 2,4-Dinitrotoluene	10.080	165	137417	22.959	ng	87
58) Fluorene	10.433	166	469380	22.891	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	122445	22.573	ng	98
60) Diethylphthalate	10.310	149	495160	22.586	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	224837	22.753	ng	99
62) 4-Nitroaniline	10.469	138	114194	20.840	ng	94
63) Azobenzene	10.586	77	457010	22.038	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	77452	24.488	ng	96
66) n-Nitrosodiphenylamine	10.551	169	411728	22.213	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	140070	22.716	ng	# 91
68) Hexachlorobenzene	10.986	284	163697	25.003	ng	96
69) Atrazine	11.080	200	136294	26.583	ng	97
70) Pentachlorophenol	11.186	266	156433	39.962	ng	99
71) Phenanthrene	11.404	178	662210	22.674	ng	99
72) Anthracene	11.457	178	688362	22.661	ng	100
73) Carbazole	11.616	167	647563	23.290	ng	99
74) Di-n-butylphthalate	11.939	149	789651	23.882	ng	98
75) Fluoranthene	12.598	202	752646	23.838	ng	98
77) Benzidine	12.727	184	445080	40.835	ng	99
78) Pyrene	12.833	202	776494	18.215	ng	99
80) Butylbenzylphthalate	13.451	149	342693	21.434	ng	99
81) Benzo(a)anthracene	14.033	228	704034	22.162	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	208404	20.706	ng	98
83) Chrysene	14.068	228	654805	21.281	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	465427	25.335	ng	99
85) Di-n-octyl phthalate	14.633	149	780797	28.925	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	658867	20.889	ng	96
88) Benzo(b)fluoranthene	15.104	252	640261m	23.954	ng	
89) Benzo(k)fluoranthene	15.133	252	638416	23.459	ng	98
90) Benzo(a)pyrene	15.486	252	552027	21.358	ng	# 97
91) Dibenzo(a,h)anthracene	17.115	278	548386	21.286	ng	# 96
92) Benzo(g,h,i)perylene	17.568	276	531173	19.993	ng	97

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

