

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
 Data File : BF130820.D
 Acq On : 28 Oct 2022 11:22
 Operator : CG\JU
 Sample : PB148514BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148514BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/31/2022
 Supervised By : Jagrut Upadhyay 11/01/2022

Quant Time: Oct 28 16:49:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	120389	20.000	ng	0.00	
21) Naphthalene-d8	8.239	136	475739	20.000	ng	0.00	
39) Acenaphthene-d10	10.004	164	254177	20.000	ng	0.00	
64) Phenanthrene-d10	11.492	188	432455	20.000	ng	0.00	
76) Chrysene-d12	14.139	240	251219	20.000	ng	0.00	#
86) Perylene-d12	15.657	264	223339	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	915973	131.901	ng	0.02	
7) Phenol-d6	6.575	99	1144676	126.845	ng	0.00	
23) Nitrobenzene-d5	7.522	82	756066	95.830	ng	0.00	
42) 2,4,6-Tribromophenol	10.798	330	287975	134.589	ng	0.00	
45) 2-Fluorobiphenyl	9.322	172	1339629	79.683	ng	0.00	
79) Terphenyl-d14	13.080	244	1223049	89.212	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	2.893	88	113167	36.347	ng		Qvalue 92
3) Pyridine	3.640	79	312625	35.849	ng		98
4) n-Nitrosodimethylamine	3.610	42	220034	44.945	ng		99
6) Aniline	6.622	93	465367	41.704	ng		99
8) 2-Chlorophenol	6.739	128	348022	44.988	ng		99
9) Benzaldehyde	6.510	77	216303	37.450	ng		97
10) Phenol	6.587	94	405667	41.773	ng		95
11) bis(2-Chloroethyl)ether	6.692	93	331709	43.817	ng		97
12) 1,3-Dichlorobenzene	6.898	146	375361	42.820	ng		100
13) 1,4-Dichlorobenzene	6.975	146	376765	42.343	ng		99
14) 1,2-Dichlorobenzene	7.128	146	366075	44.423	ng		98
15) Benzyl Alcohol	7.092	79	320310	41.742	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	607671	45.033	ng		99
17) 2-Methylphenol	7.198	107	281118	42.516	ng		99
18) Hexachloroethane	7.469	117	142558	44.330	ng		96
19) n-Nitroso-di-n-propyla...	7.369	70	257022	41.860	ng		97
20) 3+4-Methylphenols	7.351	107	344536	40.077	ng		92
22) Acetophenone	7.369	105	483513	41.919	ng		97
24) Nitrobenzene	7.539	77	387607	44.929	ng		99
25) Isophorone	7.781	82	698841	42.954	ng		99
26) 2-Nitrophenol	7.857	139	156918	46.291	ng		98
27) 2,4-Dimethylphenol	7.886	122	312358	46.131	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	403232	44.378	ng		99
29) 2,4-Dichlorophenol	8.092	162	285268	40.955	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	297171	39.675	ng		96
31) Naphthalene	8.263	128	970833	39.113	ng		99
32) Benzoic acid	8.004	122	204162	43.318	ng		93
33) 4-Chloroaniline	8.310	127	304752	31.071	ng		98
34) Hexachlorobutadiene	8.375	225	209849	42.206	ng		98
35) Caprolactam	8.681	113	87761m	39.317	ng		
36) 4-Chloro-3-methylphenol	8.786	107	307003	40.633	ng		99
37) 2-Methylnaphthalene	8.957	142	608362	38.966	ng		98
38) 1-Methylnaphthalene	9.057	142	582412	38.331	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	302262	41.934	ng		98
41) Hexachlorocyclopentadiene	9.110	237	413412	109.158	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	206628	41.255	ng		99

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44) 2,4,5-Trichlorophenol	9.269	196	213128	39.828	ng	96
46) 1,1'-Biphenyl	9.422	154	751050	41.474	ng	99
47) 2-Chloronaphthalene	9.451	162	576931	39.731	ng	97
48) 2-Nitroaniline	9.539	65	197342	42.760	ng	99
49) Acenaphthylene	9.869	152	899254	39.189	ng	100
50) Dimethylphthalate	9.722	163	674064	38.610	ng	100
51) 2,6-Dinitrotoluene	9.786	165	141707	43.007	ng	86
52) Acenaphthene	10.039	154	612522	43.169	ng	99
53) 3-Nitroaniline	9.957	138	121536	35.741	ng #	85
54) 2,4-Dinitrophenol	10.057	184	129226	80.862	ng	93
55) Dibenzofuran	10.210	168	793276	38.571	ng	99
56) 4-Nitrophenol	10.104	139	225380	83.707	ng	95
57) 2,4-Dinitrotoluene	10.186	165	177111	42.902	ng	89
58) Fluorene	10.551	166	614017	37.915	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	168335	38.156	ng	100
60) Diethylphthalate	10.427	149	662784	38.602	ng	98
61) 4-Chlorophenyl-phenyle...	10.545	204	303990	39.238	ng	99
62) 4-Nitroaniline	10.574	138	140423	40.781	ng	98
63) Azobenzene	10.704	77	688728	38.427	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	74273	42.236	ng	92
66) n-Nitrosodiphenylamine	10.663	169	566028	41.962	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	185292	42.605	ng	97
68) Hexachlorobenzene	11.098	284	203202	42.407	ng	99
69) Atrazine	11.192	200	187290	48.078	ng	97
70) Pentachlorophenol	11.292	266	230463	84.286	ng	100
71) Phenanthrene	11.521	178	866388	38.816	ng	100
72) Anthracene	11.574	178	886303	40.258	ng	100
73) Carbazole	11.721	167	764857	38.795	ng	100
74) Di-n-butylphthalate	12.051	149	961078	40.138	ng	99
75) Fluoranthene	12.710	202	877793	37.014	ng	99
77) Benzidine	12.833	184	482727	79.157	ng	99
78) Pyrene	12.939	202	873479	41.212	ng	99
80) Butylbenzylphthalate	13.557	149	331167	43.430	ng	94
81) Benzo(a)anthracene	14.127	228	665346	39.947	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	188402	41.911	ng	94
83) Chrysene	14.168	228	643714	40.067	ng	99
84) Bis(2-ethylhexyl)phtha...	14.115	149	444809	48.515	ng	99
85) Di-n-octyl phthalate	14.739	149	659720	52.137	ng	99
87) Indeno(1,2,3-cd)pyrene	17.215	276	687304	46.341	ng	99
88) Benzo(b)fluoranthene	15.209	252	608755	42.165	ng	99
89) Benzo(k)fluoranthene	15.239	252	589784	41.923	ng	99
90) Benzo(a)pyrene	15.598	252	536138	46.196	ng	99
91) Dibenzo(a,h)anthracene	17.239	278	589452	48.753	ng	97
92) Benzo(g,h,i)perylene	17.692	276	609888	49.444	ng	98

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

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