

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103122\
 Data File : BF130875.D
 Acq On : 31 Oct 2022 12:33
 Operator : CG\JU
 Sample : PB148618BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148618BSD

Quant Time: Nov 01 02:25:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 05:41:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

11/01/2022
 Supervised By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	86462	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	333073	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	179487	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	332196	20.000	ng	0.00
76) Chrysene-d12	14.139	240	215140	20.000	ng	0.00
86) Perylene-d12	15.651	264	150909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	705823	141.521	ng	0.01
7) Phenol-d6	6.569	99	896017	138.251	ng	0.00
23) Nitrobenzene-d5	7.510	82	591530	107.089	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	249515	165.141	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1058523	89.163	ng	0.00
79) Terphenyl-d14	13.080	244	1199925	102.204	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	86751	38.796	ng	94
3) Pyridine	3.610	79	236929	37.830	ng	98
4) n-Nitrosodimethylamine	3.575	42	173972	49.480	ng	# 92
6) Aniline	6.604	93	332980m	41.549	ng	
8) 2-Chlorophenol	6.728	128	273758	49.274	ng	96
9) Benzaldehyde	6.493	77	130881	31.552	ng	91
10) Phenol	6.581	94	323707	46.414	ng	97
11) bis(2-Chloroethyl)ether	6.681	93	260431	47.901	ng	97
12) 1,3-Dichlorobenzene	6.887	146	293194	46.571	ng	99
13) 1,4-Dichlorobenzene	6.963	146	297187	46.505	ng	99
14) 1,2-Dichlorobenzene	7.116	146	283489	47.900	ng	99
15) Benzyl Alcohol	7.087	79	241653	43.849	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.216	45	457143	47.171	ng	96
17) 2-Methylphenol	7.192	107	229946	48.423	ng	98
18) Hexachloroethane	7.457	117	113966	49.345	ng	98
19) n-Nitroso-di-n-propyla...	7.357	70	201317	45.654	ng	100
20) 3+4-Methylphenols	7.345	107	275387	44.603	ng	# 83
22) Acetophenone	7.357	105	386221	47.826	ng	97
24) Nitrobenzene	7.528	77	307654	50.936	ng	99
25) Isophorone	7.769	82	545116	47.857	ng	99
26) 2-Nitrophenol	7.845	139	130535	54.234	ng	95
27) 2,4-Dimethylphenol	7.875	122	247812	52.275	ng	100
28) bis(2-Chloroethoxy)met...	7.975	93	319716	50.258	ng	99
29) 2,4-Dichlorophenol	8.087	162	224857	46.109	ng	95
30) 1,2,4-Trichlorobenzene	8.169	180	237607	45.311	ng	96
31) Naphthalene	8.251	128	772928	44.478	ng	100
32) Benzoic acid	7.992	122	117632	37.009	ng	92
33) 4-Chloroaniline	8.298	127	246695	35.926	ng	99
34) Hexachlorobutadiene	8.363	225	159652	45.863	ng	100
35) Caprolactam	8.675	113	75238m	48.145	ng	
36) 4-Chloro-3-methylphenol	8.781	107	253447	47.913	ng	97
37) 2-Methylnaphthalene	8.945	142	494128	45.205	ng	100
38) 1-Methylnaphthalene	9.045	142	469798	44.163	ng	97
40) 1,2,4,5-Tetrachloroben...	9.110	216	248099	48.743	ng	99
41) Hexachlorocyclopentadiene	9.098	237	323354	120.908	ng	99
43) 2,4,6-Trichlorophenol	9.222	196	169178	47.833	ng	99

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44) 2,4,5-Trichlorophenol	9.263	196	175056	46.327	ng	99
46) 1,1'-Biphenyl	9.410	154	613397	47.968	ng	99
47) 2-Chloronaphthalene	9.439	162	477484	46.566	ng	97
48) 2-Nitroaniline	9.534	65	174275	52.436	ng	99
49) Acenaphthylene	9.857	152	744067	45.920	ng	99
50) Dimethylphthalate	9.716	163	550114	44.623	ng	100
51) 2,6-Dinitrotoluene	9.775	165	122271	51.931	ng	95
52) Acenaphthene	10.028	154	516399m	51.539	ng	
53) 3-Nitroaniline	9.945	138	99582	41.471	ng	# 96
54) 2,4-Dinitrophenol	10.057	184	120786	97.500	ng	86
55) Dibenzofuran	10.204	168	655271	45.119	ng	99
56) 4-Nitrophenol	10.110	139	208667	109.749	ng	94
57) 2,4-Dinitrotoluene	10.181	165	164872	55.377	ng	# 86
58) Fluorene	10.545	166	525211	45.927	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	145787	46.796	ng	98
60) Diethylphthalate	10.416	149	556749	45.920	ng	98
61) 4-Chlorophenyl-phenyle...	10.533	204	256535	46.892	ng	94
62) 4-Nitroaniline	10.569	138	129734	53.355	ng	97
63) Azobenzene	10.698	77	570359	45.065	ng	98
65) 4,6-Dinitro-2-methylph...	10.592	198	79480	55.721	ng	90
66) n-Nitrosodiphenylamine	10.657	169	485854	46.889	ng	100
67) 4-Bromophenyl-phenylether	11.028	248	162391	48.609	ng	91
68) Hexachlorobenzene	11.092	284	175174	47.591	ng	98
69) Atrazine	11.186	200	164948	55.123	ng	97
70) Pentachlorophenol	11.286	266	191696	91.267	ng	98
71) Phenanthrene	11.516	178	785257	45.799	ng	100
72) Anthracene	11.569	178	798212	47.200	ng	99
73) Carbazole	11.722	167	726079	47.943	ng	99
74) Di-n-butylphthalate	12.045	149	854235	46.443	ng	99
75) Fluoranthene	12.710	202	861076	47.267	ng	97
77) Benzidine	12.827	184	406010	77.742	ng	99
78) Pyrene	12.939	202	862256	47.505	ng	99
80) Butylbenzylphthalate	13.551	149	344345	52.731	ng	96
81) Benzo(a)anthracene	14.127	228	678763	47.587	ng	99
82) 3,3'-Dichlorobenzidine	14.086	252	169795	44.106	ng	95
83) Chrysene	14.169	228	627124	45.581	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	432915	55.137	ng	100
85) Di-n-octyl phthalate	14.727	149	583497	53.846	ng	100
87) Indeno(1,2,3-cd)pyrene	17.209	276	489202	48.815	ng	99
88) Benzo(b)fluoranthene	15.204	252	518908	53.193	ng	99
89) Benzo(k)fluoranthene	15.239	252	453189m	47.675	ng	
90) Benzo(a)pyrene	15.592	252	416227	53.077	ng	98
91) Dibenzo(a,h)anthracene	17.233	278	423802	51.876	ng	98
92) Benzo(g,h,i)perylene	17.686	276	429291	51.507	ng	98

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

