

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131991.D
 Acq On : 10 Jan 2023 11:31
 Operator : CG\JU
 Sample : PB150009BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150009BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2023
 Supervised By : Jagrut Upadhyay 01/11/2023

Quant Time: Jan 11 00:34:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	108005	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	447213	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	282220	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	514842	20.000	ng	0.00
76) Chrysene-d12	13.986	240	300279	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	204277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	831344	126.834	ng	0.02
7) Phenol-d6	6.446	99	1083435	124.668	ng	0.01
23) Nitrobenzene-d5	7.369	82	768911	71.358	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	358814	110.577	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1450134	69.365	ng	0.00
79) Terphenyl-d14	12.927	244	1691117	80.719	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.558	88	88567	30.938	ng	98
3) Pyridine	3.293	79	242733	30.212	ng	99
4) n-Nitrosodimethylamine	3.269	42	156486	41.443	ng	95
6) Aniline	6.451	93	343112	30.007	ng	# 10
8) 2-Chlorophenol	6.581	128	301749	45.885	ng	94
9) Benzaldehyde	6.340	77	92616	16.016	ng	97
10) Phenol	6.457	94	424328	43.769	ng	99
11) bis(2-Chloroethyl)ether	6.534	93	317090	43.388	ng	98
12) 1,3-Dichlorobenzene	6.728	146	310831	42.435	ng	99
13) 1,4-Dichlorobenzene	6.804	146	316830	42.749	ng	99
14) 1,2-Dichlorobenzene	6.957	146	305842	43.451	ng	98
15) Benzyl Alcohol	6.945	79	334317	44.176	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	385058	41.750	ng	65
17) 2-Methylphenol	7.063	107	275823	42.382	ng	# 92
18) Hexachloroethane	7.298	117	133264	43.480	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	264281	42.039	ng	97
20) 3+4-Methylphenols	7.216	107	355469	42.545	ng	# 90
22) Acetophenone	7.210	105	500473	38.436	ng	98
24) Nitrobenzene	7.387	77	400660	36.524	ng	98
25) Isophorone	7.628	82	757909	37.651	ng	99
26) 2-Nitrophenol	7.698	139	169140	39.186	ng	95
27) 2,4-Dimethylphenol	7.745	122	282335	39.188	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	419578	37.661	ng	100
29) 2,4-Dichlorophenol	7.945	162	293589	39.784	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	325605	38.526	ng	98
31) Naphthalene	8.104	128	886485	37.509	ng	100
32) Benzoic acid	7.916	122	173923	41.640	ng	94
33) 4-Chloroaniline	8.157	127	261661	26.829	ng	98
34) Hexachlorobutadiene	8.216	225	217929	37.191	ng	98
35) Caprolactam	8.563	113	99951m	46.116	ng	
36) 4-Chloro-3-methylphenol	8.657	107	343253	39.631	ng	99
37) 2-Methylnaphthalene	8.798	142	627116	36.945	ng	99
38) 1-Methylnaphthalene	8.898	142	583084	37.077	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	361863	36.387	ng	99
41) Hexachlorocyclopentadiene	8.945	237	319986	66.283	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	225564	37.682	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	241451	34.647	ng	94
46) 1,1'-Biphenyl	9.269	154	811321	37.246	ng	98
47) 2-Chloronaphthalene	9.292	162	631667	37.362	ng	98
48) 2-Nitroaniline	9.398	65	222688	36.264	ng	95
49) Acenaphthylene	9.710	152	933897	35.597	ng	99
50) Dimethylphthalate	9.575	163	808716	36.762	ng	99
51) 2,6-Dinitrotoluene	9.645	165	171701	37.110	ng	98
52) Acenaphthene	9.881	154	565877	35.933	ng	98
53) 3-Nitroaniline	9.816	138	125036	27.855	ng	98
54) 2,4-Dinitrophenol	9.928	184	193040	83.095	ng	98
55) Dibenzofuran	10.051	168	892228	35.942	ng	99
56) 4-Nitrophenol	9.998	139	190395	75.302	ng	95
57) 2,4-Dinitrotoluene	10.051	165	222440	35.959	ng	95
58) Fluorene	10.398	166	710709	35.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	199763	38.470	ng	94
60) Diethylphthalate	10.275	149	790547	36.546	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	403558	35.549	ng	97
62) 4-Nitroaniline	10.445	138	145220	35.978	ng	99
63) Azobenzene	10.551	77	805494	35.103	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	131029	39.465	ng	86
66) n-Nitrosodiphenylamine	10.516	169	623948	38.629	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	248254	38.545	ng	# 90
68) Hexachlorobenzene	10.945	284	265203	40.705	ng	95
69) Atrazine	11.045	200	251630	42.839	ng	98
70) Pentachlorophenol	11.145	266	226483	65.994	ng	98
71) Phenanthrene	11.363	178	1033792	38.518	ng	100
72) Anthracene	11.416	178	1028254	37.216	ng	99
73) Carbazole	11.575	167	869244	38.001	ng	99
74) Di-n-butylphthalate	11.898	149	1202053	37.740	ng	99
75) Fluoranthene	12.551	202	1109590	36.761	ng	99
77) Benzidine	12.675	184	223217	22.376	ng	98
78) Pyrene	12.786	202	1093113	39.913	ng	100
80) Butylbenzylphthalate	13.404	149	435665	39.410	ng	94
81) Benzo(a)anthracene	13.974	228	812943	37.212	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	242066	35.503	ng	99
83) Chrysene	14.016	228	756343	37.045	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	594522	39.697	ng	100
85) Di-n-octyl phthalate	14.574	149	801151	39.092	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	589519	47.055	ng	99
88) Benzo(b)fluoranthene	15.027	252	629265	44.912	ng	99
89) Benzo(k)fluoranthene	15.057	252	595607	42.595	ng	99
90) Benzo(a)pyrene	15.392	252	510163	40.413	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	513453	48.890	ng	99
92) Benzo(g,h,i)perylene	17.368	276	492930	44.140	ng	100

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

