

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133537.D
 Acq On : 31 May 2023 13:29
 Operator : CG\JU
 Sample : PB153095BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153095BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

Quant Time: May 31 15:20:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	137617	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	518987	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	256540	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	518242	20.000	ng	0.00
76) Chrysene-d12	14.004	240	367296	20.000	ng	0.00
86) Perylene-d12	15.457	264	321942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	801287	97.148	ng	0.01
7) Phenol-d6	6.463	99	980108	96.529	ng	0.00
23) Nitrobenzene-d5	7.398	82	634456	81.624	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	283384	110.817	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1142303	68.725	ng	0.00
79) Terphenyl-d14	12.945	244	1282519	62.083	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	161005	43.222	ng	99
3) Pyridine	3.387	79	400984	38.391	ng	98
4) n-Nitrosodimethylamine	3.346	42	237791	41.746	ng	95
6) Aniline	6.492	93	515463	37.390	ng	99
8) 2-Chlorophenol	6.616	128	371650	45.729	ng	100
9) Benzaldehyde	6.381	77	238098	48.965	ng	97
10) Phenol	6.475	94	462408m	45.398	ng	
11) bis(2-Chloroethyl)ether	6.569	93	361731	42.953	ng	97
12) 1,3-Dichlorobenzene	6.775	146	403079	44.674	ng	98
13) 1,4-Dichlorobenzene	6.851	146	407948	45.098	ng	99
14) 1,2-Dichlorobenzene	7.004	146	379115	45.416	ng	98
15) Benzyl Alcohol	6.975	79	336774	43.688	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	686486	42.979	ng	99
17) 2-Methylphenol	7.087	107	317610	41.267	ng	98
18) Hexachloroethane	7.345	117	147143	47.042	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	265259	40.378	ng	96
20) 3+4-Methylphenols	7.239	107	378387	43.487	ng	# 89
22) Acetophenone	7.245	105	508650	42.559	ng	# 94
24) Nitrobenzene	7.416	77	410484	49.563	ng	100
25) Isophorone	7.657	82	760230	41.966	ng	99
26) 2-Nitrophenol	7.734	139	201388	52.564	ng	97
27) 2,4-Dimethylphenol	7.769	122	342578	44.445	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	443473	42.217	ng	98
29) 2,4-Dichlorophenol	7.969	162	316715	45.671	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	321907	42.916	ng	98
31) Naphthalene	8.139	128	1063420	42.264	ng	99
32) Benzoic acid	7.886	122	254457	49.794	ng	96
33) 4-Chloroaniline	8.186	127	243695	22.598	ng	96
34) Hexachlorobutadiene	8.257	225	195464	42.840	ng	100
35) Caprolactam	8.563	113	115669m	50.860	ng	
36) 4-Chloro-3-methylphenol	8.663	107	353451	45.501	ng	98
37) 2-Methylnaphthalene	8.828	142	706617	41.132	ng	98
38) 1-Methylnaphthalene	8.928	142	662587	41.376	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	315139	41.446	ng	99
41) Hexachlorocyclopentadiene	8.986	237	392057	100.618	ng	100
43) 2,4,6-Trichlorophenol	9.104	196	222049	45.639	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	244009	43.209	ng	94
46) 1,1'-Biphenyl	9.298	154	888478	42.628	ng	99
47) 2-Chloronaphthalene	9.322	162	651582	43.136	ng	99
48) 2-Nitroaniline	9.416	65	231434	47.744	ng	96
49) Acenaphthylene	9.733	152	1104905	42.863	ng	99
50) Dimethylphthalate	9.598	163	772414	42.839	ng	100
51) 2,6-Dinitrotoluene	9.657	165	172509	50.143	ng	95
52) Acenaphthene	9.910	154	741600	47.492	ng	99
53) 3-Nitroaniline	9.828	138	152695	36.355	ng	# 89
54) 2,4-Dinitrophenol	9.933	184	186289	97.813	ng	95
55) Dibenzofuran	10.080	168	969152	41.717	ng	99
56) 4-Nitrophenol	9.986	139	318912	103.381	ng	97
57) 2,4-Dinitrotoluene	10.063	165	224790	52.354	ng	# 83
58) Fluorene	10.422	166	714903	42.002	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	204550	48.095	ng	99
60) Diethylphthalate	10.298	149	794497	42.447	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	332908	40.734	ng	99
62) 4-Nitroaniline	10.445	138	204085	47.179	ng	99
63) Azobenzene	10.575	77	777109	41.476	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	118738	54.571	ng	# 70
66) n-Nitrosodiphenylamine	10.533	169	668947	39.759	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	220409	40.047	ng	98
68) Hexachlorobenzene	10.969	284	246667	42.858	ng	94
69) Atrazine	11.063	200	219284	47.502	ng	100
70) Pentachlorophenol	11.163	266	283569	82.400	ng	99
71) Phenanthrene	11.386	178	1070577	40.786	ng	100
72) Anthracene	11.439	178	1093866	40.491	ng	99
73) Carbazole	11.592	167	1071824	41.953	ng	99
74) Di-n-butylphthalate	11.927	149	1232712	40.805	ng	100
75) Fluoranthene	12.574	202	1196697	41.275	ng	98
77) Benzidine	12.698	184	795219	74.025	ng	99
78) Pyrene	12.804	202	1238881	39.638	ng	99
80) Butylbenzylphthalate	13.427	149	534326	43.208	ng	97
81) Benzo(a)anthracene	13.992	228	984820	40.249	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	248701	32.515	ng	98
83) Chrysene	14.027	228	998914	40.441	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	638250	41.290	ng	98
85) Di-n-octyl phthalate	14.604	149	1188519	46.156	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	927105	45.209	ng	100
88) Benzo(b)fluoranthene	15.033	252	961881	45.883	ng	99
89) Benzo(k)fluoranthene	15.062	252	823602	40.291	ng	98
90) Benzo(a)pyrene	15.398	252	752209	39.432	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	745906	44.862	ng	99
92) Benzo(g,h,i)perylene	17.351	276	777473	46.374	ng	99

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

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