

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121523\
 Data File : BF136603.D
 Acq On : 15 Dec 2023 20:38
 Operator : CG\JU
 Sample : 05803-01MS 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 600572408-MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2023
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 16 02:06:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	90490	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	327398	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	142120	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	256969	20.000	ng	0.00
76) Chrysene-d12	13.969	240	203549	20.000	ng	0.00
86) Perylene-d12	15.445	264	153125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	266943	43.566	ng	0.00
7) Phenol-d6	6.428	99	308799	40.393	ng	0.00
23) Nitrobenzene-d5	7.345	82	177986	29.389	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	73768	42.097	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	326380	31.336	ng	0.00
79) Terphenyl-d14	12.904	244	366674	23.743	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	46515	19.193	ng	96
3) Pyridine	3.316	79	106733	18.186	ng	93
4) n-Nitrosodimethylamine	3.263	42	47887	18.780	ng	89
6) Aniline	6.451	93	95624	12.377	ng	# 86
8) 2-Chlorophenol	6.575	128	128558	19.219	ng	98
9) Benzaldehyde	6.340	77	39372	7.734	ng	93
10) Phenol	6.446	94	150940	18.555	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	116778	19.259	ng	100
12) 1,3-Dichlorobenzene	6.728	146	140811	18.718	ng	97
13) 1,4-Dichlorobenzene	6.804	146	143365	18.787	ng	100
14) 1,2-Dichlorobenzene	6.957	146	133816	18.648	ng	100
15) Benzyl Alcohol	6.928	79	93490	18.263	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	140967	18.076	ng	96
17) 2-Methylphenol	7.045	107	95906	17.747	ng	98
18) Hexachloroethane	7.293	117	45078	16.919	ng	95
19) n-Nitroso-di-n-propyla...	7.193	70	80593	18.275	ng	99
20) 3+4-Methylphenols	7.198	107	120295	17.933	ng	# 86
22) Acetophenone	7.193	105	173904	21.510	ng	94
24) Nitrobenzene	7.363	77	115566	18.969	ng	97
25) Isophorone	7.604	82	207146	19.038	ng	95
26) 2-Nitrophenol	7.681	139	58262	19.452	ng	94
27) 2,4-Dimethylphenol	7.722	122	89400	24.207	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	133818	20.015	ng	96
29) 2,4-Dichlorophenol	7.928	162	91513	18.773	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	111287	19.578	ng	99
31) Naphthalene	8.087	128	342302	18.959	ng	99
32) Benzoic acid	7.816	122	49711	13.569	ng	95
33) 4-Chloroaniline	8.140	127	71642	11.130	ng	98
34) Hexachlorobutadiene	8.204	225	63793	18.937	ng	98
35) Caprolactam	8.487	113	26906	17.923	ng	94
36) 4-Chloro-3-methylphenol	8.628	107	88418	17.083	ng	97
37) 2-Methylnaphthalene	8.781	142	209088	18.203	ng	93
38) 1-Methylnaphthalene	8.875	142	196253	17.412	ng	97
40) 1,2,4,5-Tetrachloroben...	8.945	216	98893	22.366	ng	98
41) Hexachlorocyclopentadiene	8.928	237	11021	6.728	ng	100
43) 2,4,6-Trichlorophenol	9.057	196	57943	20.126	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	59769	18.601	ng	# 94
46) 1,1'-Biphenyl	9.245	154	266301	22.021	ng	96
47) 2-Chloronaphthalene	9.269	162	187592	19.931	ng	98
48) 2-Nitroaniline	9.363	65	49864	19.753	ng	97
49) Acenaphthylene	9.681	152	286268	21.351	ng	98
50) Dimethylphthalate	9.545	163	221978	21.215	ng	99
51) 2,6-Dinitrotoluene	9.610	165	45615	19.378	ng	90
52) Acenaphthene	9.857	154	169366	19.712	ng	95
53) 3-Nitroaniline	9.775	138	40186	16.718	ng	90
54) 2,4-Dinitrophenol	9.886	184	7467	6.274	ng	91
55) Dibenzofuran	10.028	168	252522	20.118	ng	99
56) 4-Nitrophenol	9.951	139	67238	37.313	ng	88
57) 2,4-Dinitrotoluene	10.010	165	55460	17.810	ng	90
58) Fluorene	10.369	166	197645	19.616	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	47043	18.277	ng	99
60) Diethylphthalate	10.245	149	202475	19.679	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	98609	20.076	ng	96
62) 4-Nitroaniline	10.386	138	42357	17.746	ng	96
63) Azobenzene	10.528	77	170638	18.221	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	8030	5.046	ng	93
66) n-Nitrosodiphenylamine	10.481	169	169074	20.505	ng	97
67) 4-Bromophenyl-phenylether	10.857	248	57190	19.142	ng	94
68) Hexachlorobenzene	10.922	284	64158	18.580	ng	# 92
69) Atrazine	11.016	200	59223	25.165	ng	98
70) Pentachlorophenol	11.122	266	65495	33.607	ng	97
71) Phenanthrene	11.339	178	291699	20.652	ng	99
72) Anthracene	11.386	178	295594	20.778	ng	98
73) Carbazole	11.545	167	262015	20.809	ng	99
74) Di-n-butylphthalate	11.880	149	312705	20.259	ng	100
75) Fluoranthene	12.527	202	333392	22.524	ng	98
77) Benzidine	12.657	184	130310	32.233	ng	98
78) Pyrene	12.763	202	347608	17.437	ng	98
80) Butylbenzylphthalate	13.386	149	140894	19.854	ng	94
81) Benzo(a)anthracene	13.957	228	290410	20.482	ng	98
82) 3,3'-Dichlorobenzidine	13.922	252	88680	22.307	ng	99
83) Chrysene	13.992	228	271407	19.456	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	195792	22.506	ng	99
85) Di-n-octyl phthalate	14.569	149	329143	25.614	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.945	276	186336	17.516	ng	99
88) Benzo(b)fluoranthene	15.010	252	220882	21.098	ng	96
89) Benzo(k)fluoranthene	15.039	252	188098m	19.064	ng	
90) Benzo(a)pyrene	15.380	252	168947	19.540	ng	# 97
91) Dibenzo(a,h)anthracene	16.968	278	157408	18.062	ng	99
92) Benzo(g,h,i)perylene	17.404	276	145778	16.297	ng	99

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

