

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136276.D
 Acq On : 29 Nov 2023 11:14
 Operator : CG\JU
 Sample : PB156824BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156824BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 11:45:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	151926	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	677109	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	345184	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	671325	20.000	ng	0.00
76) Chrysene-d12	13.992	240	314895	20.000	ng	0.00
86) Perylene-d12	15.474	264	275800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1450044	132.844	ng	0.02
7) Phenol-d6	6.451	99	1777241	130.217	ng	0.00
23) Nitrobenzene-d5	7.375	82	1088822	84.974	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	591153	140.078	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2253221	83.377	ng	0.00
79) Terphenyl-d14	12.933	244	2591131	94.915	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	159024	38.504	ng	99
3) Pyridine	3.446	79	359087	35.221	ng	97
4) n-Nitrosodimethylamine	3.410	42	214701	41.661	ng	95
6) Aniline	6.475	93	532471	41.277	ng	99
8) 2-Chlorophenol	6.598	128	551762	46.425	ng	93
9) Benzaldehyde	6.357	77	86560	11.379	ng	96
10) Phenol	6.463	94	665432	45.446	ng	93
11) bis(2-Chloroethyl)ether	6.551	93	492933	45.890	ng	97
12) 1,3-Dichlorobenzene	6.751	146	577759	42.836	ng	99
13) 1,4-Dichlorobenzene	6.828	146	593380	43.276	ng	99
14) 1,2-Dichlorobenzene	6.975	146	557931	42.982	ng	98
15) Benzyl Alcohol	6.957	79	447469	46.762	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.086	45	670709	44.953	ng	99
17) 2-Methylphenol	7.063	107	439325	47.018	ng	98
18) Hexachloroethane	7.316	117	203424	42.297	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	367903	45.071	ng	98
20) 3+4-Methylphenols	7.216	107	551183	45.389	ng	90
22) Acetophenone	7.222	105	780058	43.865	ng	# 95
24) Nitrobenzene	7.392	77	540946	41.659	ng	97
25) Isophorone	7.628	82	1013620	43.871	ng	99
26) 2-Nitrophenol	7.704	139	270254	48.848	ng	99
27) 2,4-Dimethylphenol	7.745	122	460121	63.185	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	623786	44.634	ng	99
29) 2,4-Dichlorophenol	7.945	162	456988	46.526	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	507355	42.190	ng	98
31) Naphthalene	8.110	128	1656472	43.524	ng	99
32) Benzoic acid	7.886	122	344284	51.876	ng	97
33) 4-Chloroaniline	8.157	127	455048	35.175	ng	99
34) Hexachlorobutadiene	8.222	225	285813	40.625	ng	98
35) Caprolactam	8.539	113	135215m	49.244	ng	
36) 4-Chloro-3-methylphenol	8.645	107	480756	45.129	ng	98
37) 2-Methylnaphthalene	8.798	142	1044631	43.756	ng	98
38) 1-Methylnaphthalene	8.898	142	968105	41.568	ng	97
40) 1,2,4,5-Tetrachloroben...	8.969	216	493086	44.885	ng	98
41) Hexachlorocyclopentadiene	8.951	237	562732	133.126	ng	97
43) 2,4,6-Trichlorophenol	9.080	196	328001	46.001	ng	95

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44) 2,4,5-Trichlorophenol	9.128	196	344799	44.311	ng	98
46) 1,1'-Biphenyl	9.269	154	1358431	44.626	ng	99
47) 2-Chloronaphthalene	9.292	162	1020260	43.160	ng	100
48) 2-Nitroaniline	9.392	65	289215	46.860	ng	87
49) Acenaphthylene	9.710	152	1553014	46.036	ng	100
50) Dimethylphthalate	9.575	163	1204280	46.159	ng	100
51) 2,6-Dinitrotoluene	9.633	165	247495	46.435	ng	97
52) Acenaphthene	9.880	154	960154	45.038	ng	100
53) 3-Nitroaniline	9.804	138	214344	40.530	ng	98
54) 2,4-Dinitrophenol	9.916	184	275531	111.152	ng	92
55) Dibenzofuran	10.057	168	1435722	45.258	ng	96
56) 4-Nitrophenol	9.975	139	380360	94.696	ng	95
57) 2,4-Dinitrotoluene	10.045	165	339340	47.663	ng	97
58) Fluorene	10.398	166	1099876	44.202	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	299970	48.451	ng	99
60) Diethylphthalate	10.280	149	1187183	45.490	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	534767	44.254	ng	99
62) 4-Nitroaniline	10.427	138	242234	46.794	ng	97
63) Azobenzene	10.551	77	1074931	44.428	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	183966	50.112	ng	96
66) n-Nitrosodiphenylamine	10.516	169	979804	45.544	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	344937	44.042	ng	99
68) Hexachlorobenzene	10.945	284	393147	43.372	ng	94
69) Atrazine	11.045	200	196776	30.833	ng	99
70) Pentachlorophenol	11.145	266	422529	82.464	ng	98
71) Phenanthrene	11.363	178	1731755	45.897	ng	100
72) Anthracene	11.416	178	1745119	46.121	ng	99
73) Carbazole	11.574	167	1456370	45.255	ng	99
74) Di-n-butylphthalate	11.910	149	1883166	46.768	ng	99
75) Fluoranthene	12.557	202	1700470	44.394	ng	99
77) Benzidine	12.680	184	229491	44.335	ng	99
78) Pyrene	12.786	202	1673867	48.537	ng	99
80) Butylbenzylphthalate	13.415	149	546398	50.908	ng	94
81) Benzo(a)anthracene	13.980	228	1039622	44.448	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	305863	54.326	ng	97
83) Chrysene	14.021	228	1004727	44.490	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	607831	47.188	ng	# 99
85) Di-n-octyl phthalate	14.598	149	944123	45.438	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	959761	46.636	ng	100
88) Benzo(b)fluoranthene	15.039	252	892238	46.111	ng	99
89) Benzo(k)fluoranthene	15.068	252	885918	48.206	ng	100
90) Benzo(a)pyrene	15.409	252	756574	47.830	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	794141	47.996	ng	99
92) Benzo(g,h,i)perylene	17.445	276	768085	46.330	ng	100

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

