

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136901.D
 Acq On : 03 Jan 2024 11:33
 Operator : CG\JU
 Sample : PB157973BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157973BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 12:08:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88272	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	343476	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	177890	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	350643	20.000	ng	0.00
76) Chrysene-d12	13.969	240	195824	20.000	ng	0.00
86) Perylene-d12	15.445	264	157057	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	627349	110.889	ng	0.00
7) Phenol-d6	6.440	99	779983	106.400	ng	0.00
23) Nitrobenzene-d5	7.351	82	481901	71.794	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	239395	114.267	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	977931	73.939	ng	-0.01
79) Terphenyl-d14	12.910	244	1092813	77.987	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	79154	33.579	ng	96
3) Pyridine	3.399	79	183970	31.987	ng	95
4) n-Nitrosodimethylamine	3.363	42	109832	35.760	ng	98
6) Aniline	6.451	93	250357	34.159	ng	# 10
8) 2-Chlorophenol	6.575	128	244048	39.419	ng	94
9) Benzaldehyde	6.340	77	102604	24.607	ng	100
10) Phenol	6.451	94	293616	37.520	ng	94
11) bis(2-Chloroethyl)ether	6.522	93	231233	38.855	ng	99
12) 1,3-Dichlorobenzene	6.722	146	243486	36.051	ng	99
13) 1,4-Dichlorobenzene	6.798	146	245461	35.569	ng	99
14) 1,2-Dichlorobenzene	6.951	146	238195	37.094	ng	99
15) Benzyl Alcohol	6.934	79	195472	39.525	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	356777	36.668	ng	81
17) 2-Methylphenol	7.051	107	194694	37.960	ng	95
18) Hexachloroethane	7.287	117	88513	35.318	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	162314	36.526	ng	96
20) 3+4-Methylphenols	7.204	107	243342	37.977	ng	# 58
22) Acetophenone	7.192	105	335729	38.997	ng	# 91
24) Nitrobenzene	7.369	77	238147	35.418	ng	95
25) Isophorone	7.604	82	456950	37.413	ng	99
26) 2-Nitrophenol	7.681	139	127987	39.784	ng	97
27) 2,4-Dimethylphenol	7.722	122	213822	54.594	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	281855	37.965	ng	99
29) 2,4-Dichlorophenol	7.928	162	197941	39.256	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	207590	36.951	ng	99
31) Naphthalene	8.081	128	699303	37.060	ng	99
32) Benzoic acid	7.875	122	158961	41.947	ng	98
33) 4-Chloroaniline	8.134	127	129536	18.593	ng	99
34) Hexachlorobutadiene	8.192	225	119355	34.968	ng	99
35) Caprolactam	8.522	113	70907m	42.628	ng	
36) 4-Chloro-3-methylphenol	8.634	107	217394	38.297	ng	99
37) 2-Methylnaphthalene	8.775	142	457205	37.649	ng	99
38) 1-Methylnaphthalene	8.875	142	427965	35.920	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	214963	39.019	ng	98
41) Hexachlorocyclopentadiene	8.922	237	162155	91.560	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	140261	39.699	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	151935	38.590	ng	98
46) 1,1'-Biphenyl	9.239	154	585537	39.225	ng	98
47) 2-Chloronaphthalene	9.269	162	429730	37.867	ng	96
48) 2-Nitroaniline	9.369	65	139988	39.392	ng	95
49) Acenaphthylene	9.681	152	683072	39.380	ng	99
50) Dimethylphthalate	9.551	163	519892	40.012	ng	99
51) 2,6-Dinitrotoluene	9.616	165	113558	38.509	ng	100
52) Acenaphthene	9.857	154	418581	38.930	ng	98
53) 3-Nitroaniline	9.786	138	93643	29.977	ng	90
54) 2,4-Dinitrophenol	9.898	184	111348	68.684	ng	# 86
55) Dibenzofuran	10.028	168	624860	38.337	ng	99
56) 4-Nitrophenol	9.969	139	153543	72.812	ng	93
57) 2,4-Dinitrotoluene	10.022	165	147042	38.410	ng	94
58) Fluorene	10.375	166	504847	39.037	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	130532	43.069	ng	99
60) Diethylphthalate	10.251	149	526899	39.083	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	240726	38.295	ng	97
62) 4-Nitroaniline	10.410	138	113248	37.606	ng	92
63) Azobenzene	10.528	77	487284	38.698	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	81197	40.406	ng	96
66) n-Nitrosodiphenylamine	10.486	169	456331	40.062	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	149981	38.514	ng	91
68) Hexachlorobenzene	10.922	284	167327	38.558	ng	97
69) Atrazine	11.028	200	203567	69.874	ng	99
70) Pentachlorophenol	11.122	266	136039	67.254	ng	94
71) Phenanthrene	11.339	178	727258	40.422	ng	99
72) Anthracene	11.392	178	742092	40.728	ng	99
73) Carbazole	11.551	167	690104	40.172	ng	100
74) Di-n-butylphthalate	11.880	149	845192	40.319	ng	100
75) Fluoranthene	12.533	202	754176	39.188	ng	98
77) Benzidine	12.657	184	171521	29.706	ng	99
78) Pyrene	12.763	202	764219	39.755	ng	99
80) Butylbenzylphthalate	13.386	149	306824	43.864	ng	99
81) Benzo(a)anthracene	13.957	228	546888	40.219	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	149013	38.588	ng	99
83) Chrysene	13.998	228	520471	39.141	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	407453	46.297	ng	98
85) Di-n-octyl phthalate	14.563	149	583950	42.895	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	474938	41.883	ng	100
88) Benzo(b)fluoranthene	15.016	252	428487	40.847	ng	99
89) Benzo(k)fluoranthene	15.045	252	422057	42.580	ng	100
90) Benzo(a)pyrene	15.386	252	364789	41.197	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	397193	42.695	ng	99
92) Benzo(g,h,i)perylene	17.415	276	400892	42.074	ng	100

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

