

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136685.D
 Acq On : 22 Dec 2023 14:29
 Operator : CG\JU
 Sample : PB157714BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157714BSD

Quant Time: Dec 22 15:26:18 2023
 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89957	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	364316	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	185809	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	353886	20.000	ng	0.00
76) Chrysene-d12	13.969	240	183495	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	151022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	683383	118.531	ng	0.01
7) Phenol-d6	6.440	99	842264	112.744	ng	0.00
23) Nitrobenzene-d5	7.351	82	536633	75.374	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	244595	111.773	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1004195	72.689	ng	0.00
79) Terphenyl-d14	12.910	244	1031809	78.581	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	72099	30.013	ng	98
3) Pyridine	3.399	79	176791	30.163	ng	96
4) n-Nitrosodimethylamine	3.357	42	130420	41.668	ng	92
6) Aniline	6.451	93	192465	25.768	ng	# 1
8) 2-Chlorophenol	6.575	128	267365	42.376	ng	95
9) Benzaldehyde	6.340	77	67565	15.900	ng	98
10) Phenol	6.451	94	310111	38.886	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	247038	40.733	ng	98
12) 1,3-Dichlorobenzene	6.728	146	264569	38.439	ng	98
13) 1,4-Dichlorobenzene	6.804	146	269710	38.351	ng	97
14) 1,2-Dichlorobenzene	6.951	146	258932	39.568	ng	100
15) Benzyl Alcohol	6.934	79	205620	40.798	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	403323	40.676	ng	99
17) 2-Methylphenol	7.051	107	211815	40.525	ng	96
18) Hexachloroethane	7.292	117	100151	39.213	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	178503	39.417	ng	99
20) 3+4-Methylphenols	7.204	107	251041	38.445	ng	# 72
22) Acetophenone	7.198	105	366016	40.083	ng	98
24) Nitrobenzene	7.369	77	275347	38.608	ng	99
25) Isophorone	7.610	82	499152	38.530	ng	99
26) 2-Nitrophenol	7.681	139	140499	41.175	ng	91
27) 2,4-Dimethylphenol	7.728	122	208709	50.241	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	299335	38.013	ng	98
29) 2,4-Dichlorophenol	7.928	162	206888	38.684	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	228976	38.426	ng	98
31) Naphthalene	8.087	128	763129	38.129	ng	100
32) Benzoic acid	7.875	122	161718	40.234	ng	98
33) 4-Chloroaniline	8.134	127	172394	23.329	ng	99
34) Hexachlorobutadiene	8.198	225	134364	37.113	ng	97
35) Caprolactam	8.522	113	69677m	39.492	ng	
36) 4-Chloro-3-methylphenol	8.634	107	232723	38.653	ng	96
37) 2-Methylnaphthalene	8.775	142	485408	37.685	ng	99
38) 1-Methylnaphthalene	8.875	142	460274	36.422	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	230400	40.039	ng	99
41) Hexachlorocyclopentadiene	8.928	237	167998	90.856	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	148479	40.234	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	161505	39.272	ng	95
46) 1,1'-Biphenyl	9.245	154	602452	38.638	ng	99
47) 2-Chloronaphthalene	9.269	162	460865	38.880	ng	99
48) 2-Nitroaniline	9.369	65	150048	40.424	ng	100
49) Acenaphthylene	9.686	152	736958	40.676	ng	99
50) Dimethylphthalate	9.551	163	539405	39.744	ng	99
51) 2,6-Dinitrotoluene	9.616	165	118093	38.340	ng	95
52) Acenaphthene	9.857	154	427372	38.053	ng	98
53) 3-Nitroaniline	9.781	138	104579	32.051	ng	98
54) 2,4-Dinitrophenol	9.898	184	132130	77.522	ng	97
55) Dibenzofuran	10.028	168	657032	38.593	ng	100
56) 4-Nitrophenol	9.963	139	171347	77.792	ng	99
57) 2,4-Dinitrotoluene	10.022	165	153463	38.379	ng	97
58) Fluorene	10.375	166	518252	38.366	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	140242	44.301	ng	99
60) Diethylphthalate	10.251	149	552755	39.253	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	242178	36.884	ng	99
62) 4-Nitroaniline	10.404	138	110938m	35.269	ng	
63) Azobenzene	10.528	77	506999	38.548	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	84139	41.486	ng	91
66) n-Nitrosodiphenylamine	10.486	169	471591	41.023	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	154418	39.290	ng	97
68) Hexachlorobenzene	10.922	284	172502	39.386	ng	99
69) Atrazine	11.022	200	119590	40.673	ng	96
70) Pentachlorophenol	11.122	266	146128	71.579	ng	99
71) Phenanthrene	11.339	178	737982	40.642	ng	99
72) Anthracene	11.392	178	740631	40.275	ng	99
73) Carbazole	11.551	167	682170	39.346	ng	99
74) Di-n-butylphthalate	11.880	149	865557	40.912	ng	99
75) Fluoranthene	12.533	202	757471	38.999	ng	100
77) Benzidine	12.657	184	31092	5.747	ng	97
78) Pyrene	12.763	202	747219	41.482	ng	100
80) Butylbenzylphthalate	13.386	149	291360	44.452	ng	98
81) Benzo(a)anthracene	13.957	228	512766	40.243	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	147692	40.815	ng	97
83) Chrysene	13.992	228	489718	39.303	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	359648	43.611	ng	97
85) Di-n-octyl phthalate	14.563	149	562230	44.074	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	543376	49.833	ng	99
88) Benzo(b)fluoranthene	15.010	252	439750	43.596	ng	99
89) Benzo(k)fluoranthene	15.039	252	424609	44.549	ng	100
90) Benzo(a)pyrene	15.380	252	392674	46.119	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	457995	51.198	ng	97
92) Benzo(g,h,i)perylene	17.404	276	455760	49.743	ng	99

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

