

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136793.D
 Acq On : 28 Dec 2023 14:22
 Operator : CG\JU
 Sample : 05926-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2MS

Quant Time: Dec 28 14:50:27 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	72807	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	290287	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	158710	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	329823	20.000	ng	0.00
76) Chrysene-d12	13.968	240	181018	20.000	ng	0.00
86) Perylene-d12	15.445	264	176401	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	574574	123.134	ng	0.02
7) Phenol-d6	6.439	99	696680	115.223	ng	0.00
23) Nitrobenzene-d5	7.351	82	480761	84.747	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	247300	132.305	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	986403	83.593	ng	-0.01
79) Terphenyl-d14	12.910	244	1171294	90.424	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.781	88	75268	38.713	ng	# 82
3) Pyridine	3.498	79	170590	35.961	ng	92
4) n-Nitrosodimethylamine	3.428	42	109611	43.269	ng	98
6) Aniline	6.451	93	115770	19.151	ng	# 1
8) 2-Chlorophenol	6.575	128	223454	43.759	ng	96
9) Benzaldehyde	6.339	77	25666	7.463	ng	97
10) Phenol	6.451	94	254977	39.504	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	204677	41.698	ng	97
12) 1,3-Dichlorobenzene	6.728	146	197047	35.373	ng	96
13) 1,4-Dichlorobenzene	6.804	146	203656	35.780	ng	96
14) 1,2-Dichlorobenzene	6.951	146	193390	36.513	ng	98
15) Benzyl Alcohol	6.934	79	199521	48.913	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	318241	39.655	ng	75
17) 2-Methylphenol	7.045	107	184779	43.679	ng	98
18) Hexachloroethane	7.286	117	71305	34.495	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	158615	43.275	ng	95
20) 3+4-Methylphenols	7.198	107	235689	44.596	ng	94
22) Acetophenone	7.192	105	326015	44.807	ng	# 92
24) Nitrobenzene	7.369	77	235709	41.478	ng	96
25) Isophorone	7.604	82	454785	44.058	ng	98
26) 2-Nitrophenol	7.681	139	119049	43.786	ng	96
27) 2,4-Dimethylphenol	7.722	122	184906	55.862	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	268810	42.842	ng	99
29) 2,4-Dichlorophenol	7.928	162	194888	45.733	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	185704	39.112	ng	96
31) Naphthalene	8.086	128	649287	40.714	ng	99
32) Benzoic acid	7.833	122	43587	13.609	ng	97
33) 4-Chloroaniline	8.133	127	37224	6.322	ng	96
34) Hexachlorobutadiene	8.198	225	103778	35.975	ng	99
35) Caprolactam	8.516	113	66291m	47.155	ng	
36) 4-Chloro-3-methylphenol	8.633	107	225924	47.093	ng	99
37) 2-Methylnaphthalene	8.775	142	433368	42.225	ng	100
38) 1-Methylnaphthalene	8.875	142	419862	41.697	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	212018	43.135	ng	98
41) Hexachlorocyclopentadiene	8.922	237	110925	71.345	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	146175	46.372	ng	96

12/29/2023
 Supervised By :mohammad
 Ahmed

12/29/2023

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44) 2,4,5-Trichlorophenol	9.110	196	158767	45.198	ng	97	12/29/2023
46) 1,1'-Biphenyl	9.245	154	594066	44.606	ng	98	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.269	162	429054	42.377	ng	97	
48) 2-Nitroaniline	9.369	65	149837	47.259	ng	97	
49) Acenaphthylene	9.686	152	736681	47.603	ng	100	
50) Dimethylphthalate	9.551	163	536123	46.247	ng	99	
51) 2,6-Dinitrotoluene	9.616	165	120750	45.896	ng	100	12/29/2023
52) Acenaphthene	9.857	154	421971	43.988	ng	98	
53) 3-Nitroaniline	9.780	138	55415	19.883	ng	95	
54) 2,4-Dinitrophenol	9.892	184	44498	32.827	ng	# 85	
55) Dibenzofuran	10.027	168	647550	44.531	ng	99	
56) 4-Nitrophenol	9.963	139	167442	88.999	ng	96	
57) 2,4-Dinitrotoluene	10.022	165	155179	45.434	ng	# 95	
58) Fluorene	10.374	166	531023	46.023	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.151	232	137168	50.728	ng	99	
60) Diethylphthalate	10.251	149	564324	46.918	ng	100	
61) 4-Chlorophenyl-phenyle...	10.363	204	249431	44.475	ng	99	
62) 4-Nitroaniline	10.404	138	123059m	45.803	ng		
63) Azobenzene	10.527	77	514615	45.808	ng	96	
65) 4,6-Dinitro-2-methylph...	10.433	198	44029	23.293	ng	91	
66) n-Nitrosodiphenylamine	10.486	169	485542	45.318	ng	99	
67) 4-Bromophenyl-phenylether	10.857	248	158117	43.167	ng	95	
68) Hexachlorobenzene	10.922	284	176413	43.217	ng	98	
69) Atrazine	11.021	200	161306	58.863	ng	99	
70) Pentachlorophenol	11.121	266	159052	83.594	ng	99	
71) Phenanthrene	11.339	178	776181	45.864	ng	99	
72) Anthracene	11.392	178	793081	46.274	ng	99	
73) Carbazole	11.551	167	740854	45.848	ng	100	
74) Di-n-butylphthalate	11.880	149	945336	47.943	ng	100	
75) Fluoranthene	12.533	202	807011	44.581	ng	98	
77) Benzidine	12.657	184	138270	25.906	ng	99	
78) Pyrene	12.763	202	809048	45.529	ng	99	
80) Butylbenzylphthalate	13.386	149	337411	52.183	ng	99	
81) Benzo(a)anthracene	13.957	228	575571	45.790	ng	99	
82) 3,3'-Dichlorobenzidine	13.921	252	93567	26.212	ng	99	
83) Chrysene	13.998	228	548138	44.594	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.945	149	454578	55.877	ng	98	
85) Di-n-octyl phthalate	14.562	149	709960	56.417	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.962	276	592849	46.548	ng	99	
88) Benzo(b)fluoranthene	15.015	252	504023	42.779	ng	100	
89) Benzo(k)fluoranthene	15.045	252	472481	42.440	ng	99	
90) Benzo(a)pyrene	15.386	252	435874	43.827	ng	100	
91) Dibenzo(a,h)anthracene	16.980	278	495716	47.442	ng	97	
92) Benzo(g,h,i)perylene	17.415	276	478360	44.698	ng	99	

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

