

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133718.D
 Acq On : 12 Jun 2023 22:52
 Operator : CG\JU
 Sample : 03044-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-5-7.0MS

Quant Time: Jun 13 00:53:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 16:32:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	67262	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	238190	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	107434	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	199850	20.000	ng	0.00
76) Chrysene-d12	14.015	240	106771	20.000	ng	0.00
86) Perylene-d12	15.474	264	92410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	419539	108.587	ng	0.01
7) Phenol-d6	6.469	99	488291	97.092	ng	0.00
23) Nitrobenzene-d5	7.398	82	325676	74.472	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	124963	91.890	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	544322	72.022	ng	0.00
79) Terphenyl-d14	12.951	244	520485	75.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	71721	42.224	ng	97
3) Pyridine	3.363	79	177011	35.753	ng	95
4) n-Nitrosodimethylamine	3.310	42	131604	48.089	ng	93
6) Aniline	6.492	93	121457	19.175	ng	96
8) 2-Chlorophenol	6.616	128	187334	46.009	ng	99
9) Benzaldehyde	6.386	77	107784	32.303	ng	97
10) Phenol	6.481	94	222540	42.377	ng	95
11) bis(2-Chloroethyl)ether	6.569	93	173978	44.626	ng	95
12) 1,3-Dichlorobenzene	6.775	146	206216	47.402	ng	97
13) 1,4-Dichlorobenzene	6.851	146	208654	47.454	ng	97
14) 1,2-Dichlorobenzene	7.004	146	195442	49.192	ng	98
15) Benzyl Alcohol	6.975	79	168210	42.824	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	305744	46.264	ng	99
17) 2-Methylphenol	7.086	107	149002	41.287	ng	98
18) Hexachloroethane	7.345	117	59090	39.255	ng	96
19) n-Nitroso-di-n-propyla...	7.251	70	136094	42.532	ng	98
20) 3+4-Methylphenols	7.239	107	185729	39.561	ng	# 90
22) Acetophenone	7.245	105	266364	48.758	ng	# 95
24) Nitrobenzene	7.422	77	198589	45.098	ng	98
25) Isophorone	7.657	82	349113	43.484	ng	99
26) 2-Nitrophenol	7.733	139	63683	32.224	ng	96
27) 2,4-Dimethylphenol	7.769	122	157394	46.208	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	203039	43.756	ng	99
29) 2,4-Dichlorophenol	7.975	162	140369	42.047	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	155472	44.637	ng	99
31) Naphthalene	8.139	128	501653	43.229	ng	99
32) Benzoic acid	7.875	122	88006	40.966	ng	97
33) 4-Chloroaniline	8.186	127	96051	19.358	ng	98
34) Hexachlorobutadiene	8.257	225	102564	44.976	ng	97
35) Caprolactam	8.557	113	46825m	41.684	ng	
36) 4-Chloro-3-methylphenol	8.669	107	154191	40.070	ng	93
37) 2-Methylnaphthalene	8.833	142	323585	40.132	ng	99
38) 1-Methylnaphthalene	8.933	142	301813	40.678	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	149140	45.663	ng	99
41) Hexachlorocyclopentadiene	8.980	237	19444	13.359	ng	94
43) 2,4,6-Trichlorophenol	9.110	196	96117	44.039	ng	95

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44) 2,4,5-Trichlorophenol	9.151	196	99722	39.274	ng	97
46) 1,1'-Biphenyl	9.298	154	399454	46.101	ng	99
47) 2-Chloronaphthalene	9.322	162	282900	45.517	ng	98
48) 2-Nitroaniline	9.416	65	117774	51.812	ng	94
49) Acenaphthylene	9.739	152	470827	43.523	ng	99
50) Dimethylphthalate	9.592	163	346788	43.245	ng	99
51) 2,6-Dinitrotoluene	9.657	165	52893	31.956	ng	# 68
52) Acenaphthene	9.910	154	278498	43.982	ng	98
53) 3-Nitroaniline	9.827	138	93594	46.465	ng	87
54) 2,4-Dinitrophenol	9.933	184	2876	9.018	ng	# 77
55) Dibenzofuran	10.080	168	425395	44.027	ng	98
56) 4-Nitrophenol	9.992	139	110523	81.302	ng	# 76
57) 2,4-Dinitrotoluene	10.063	165	65280	31.010	ng	96
58) Fluorene	10.427	166	332894	45.053	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	83678	44.018	ng	96
60) Diethylphthalate	10.298	149	357092	43.753	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	152840	41.901	ng	96
62) 4-Nitroaniline	10.445	138	95334	48.271	ng	91
63) Azobenzene	10.580	77	328510	42.519	ng	94
65) 4,6-Dinitro-2-methylph...	10.474	198	2765	2.895	ng	# 75
66) n-Nitrosodiphenylamine	10.533	169	282612	42.099	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	91228	40.899	ng	95
68) Hexachlorobenzene	10.974	284	100890	43.012	ng	97
69) Atrazine	11.063	200	87337	44.840	ng	96
70) Pentachlorophenol	11.169	266	106971	76.158	ng	99
71) Phenanthrene	11.392	178	669758	66.055	ng	99
72) Anthracene	11.445	178	508781	48.124	ng	100
73) Carbazole	11.598	167	452322	45.937	ng	99
74) Di-n-butylphthalate	11.927	149	534766	42.363	ng	99
75) Fluoranthene	12.586	202	849653	78.910	ng	99
77) Benzidine	12.704	184	224247	62.590	ng	98
78) Pyrene	12.815	202	847893	85.249	ng	100
80) Butylbenzylphthalate	13.427	149	206613	49.206	ng	95
81) Benzo(a)anthracene	14.004	228	479815	64.968	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	110208	44.885	ng	# 98
83) Chrysene	14.039	228	426661	61.080	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	272303	52.669	ng	98
85) Di-n-octyl phthalate	14.604	149	391418	53.276	ng	96
87) Indeno(1,2,3-cd)pyrene	16.945	276	304908	47.960	ng	96
88) Benzo(b)fluoranthene	15.051	252	404249	72.013	ng	98
89) Benzo(k)fluoranthene	15.080	252	276261	50.521	ng	98
90) Benzo(a)pyrene	15.415	252	312757	60.033	ng	97
91) Dibenzo(a,h)anthracene	16.962	278	208915	39.692	ng	99
92) Benzo(g,h,i)perylene	17.392	276	232098	44.476	ng	99

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

