

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135454.D
 Acq On : 26 Sep 2023 15:54
 Operator : CG\JU
 Sample : 04531-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Quant Time: Sep 27 02:13:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	172348	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	659338	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	317781	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	529340	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	280669	20.000	ng	0.00
86) Perylene-d12	15.409	264	364689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1325153	125.055	ng	0.02
7) Phenol-d6	6.410	99	1686715	125.181	ng	0.00
23) Nitrobenzene-d5	7.328	82	1074221	88.516	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	337466	106.862	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1692917	80.374	ng	0.00
79) Terphenyl-d14	12.880	244	1226735	67.755	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	223051	48.016	ng	92
3) Pyridine	3.310	79	591618	47.320	ng	96
4) n-Nitrosodimethylamine	3.275	42	352333	53.106	ng	94
6) Aniline	6.428	93	568852	32.195	ng	# 54
8) 2-Chlorophenol	6.545	128	605595	53.536	ng	98
9) Benzaldehyde	6.310	77	166361	21.673	ng	99
10) Phenol	6.422	94	685716	46.411	ng	81
11) bis(2-Chloroethyl)ether	6.498	93	580765	52.402	ng	98
12) 1,3-Dichlorobenzene	6.698	146	560562	48.761	ng	98
13) 1,4-Dichlorobenzene	6.775	146	568318	48.590	ng	99
14) 1,2-Dichlorobenzene	6.922	146	535225	49.276	ng	99
15) Benzyl Alcohol	6.910	79	496009	51.299	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1047026	50.120	ng	82
17) 2-Methylphenol	7.022	107	480549	48.140	ng	94
18) Hexachloroethane	7.257	117	217984	50.440	ng	89
19) n-Nitroso-di-n-propyla...	7.175	70	379590	45.482	ng	95
20) 3+4-Methylphenols	7.175	107	543507	45.279	ng	91
22) Acetophenone	7.169	105	745028	49.424	ng	# 95
24) Nitrobenzene	7.345	77	622171	51.869	ng	99
25) Isophorone	7.581	82	1180669	52.981	ng	97
26) 2-Nitrophenol	7.657	139	322182	55.963	ng	97
27) 2,4-Dimethylphenol	7.698	122	476848	49.277	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	724942	54.351	ng	99
29) 2,4-Dichlorophenol	7.904	162	467603	52.149	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	476719	50.865	ng	99
31) Naphthalene	8.057	128	1589379	49.613	ng	99
32) Benzoic acid	7.851	122	349741	47.997	ng	98
33) 4-Chloroaniline	8.116	127	488367	34.746	ng	98
34) Hexachlorobutadiene	8.169	225	265172	46.922	ng	99
35) Caprolactam	8.498	113	163670m	54.387	ng	
36) 4-Chloro-3-methylphenol	8.610	107	518097	51.987	ng	95
37) 2-Methylnaphthalene	8.751	142	1010093	46.907	ng	96
38) 1-Methylnaphthalene	8.851	142	972253	48.225	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	464028	50.403	ng	99
41) Hexachlorocyclopentadiene	8.898	237	170963	45.638	ng	98
43) 2,4,6-Trichlorophenol	9.033	196	318183	52.786	ng	97

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44) 2,4,5-Trichlorophenol	9.086	196	336178	48.429	ng	97
46) 1,1'-Biphenyl	9.216	154	1229560	50.348	ng	98
47) 2-Chloronaphthalene	9.245	162	863063	48.709	ng	99
48) 2-Nitroaniline	9.345	65	379961	55.197	ng	96
49) Acenaphthylene	9.657	152	1482824	50.355	ng	100
50) Dimethylphthalate	9.527	163	1091007	50.779	ng	99
51) 2,6-Dinitrotoluene	9.592	165	248428	52.782	ng	91
52) Acenaphthene	9.827	154	882339	50.721	ng	98
53) 3-Nitroaniline	9.763	138	235087	42.551	ng	100
54) 2,4-Dinitrophenol	9.880	184	207008	77.671	ng	93
55) Dibenzofuran	10.004	168	1215761	45.798	ng	99
56) 4-Nitrophenol	9.945	139	329235	93.763	ng	98
57) 2,4-Dinitrotoluene	10.004	165	265625	45.079	ng	87
58) Fluorene	10.345	166	970352	47.549	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	264404	49.515	ng	98
60) Diethylphthalate	10.227	149	1046060	48.513	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	435015	44.375	ng	96
62) 4-Nitroaniline	10.380	138	252278	47.503	ng	95
63) Azobenzene	10.498	77	1070973	50.750	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	141626	50.374	ng	89
66) n-Nitrosodiphenylamine	10.463	169	895258	55.864	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	280087	53.201	ng	95
68) Hexachlorobenzene	10.892	284	290286	54.123	ng	# 88
69) Atrazine	10.998	200	258706	59.996	ng	98
70) Pentachlorophenol	11.098	266	270505	84.296	ng	98
71) Phenanthrene	11.316	178	1360560	54.345	ng	99
72) Anthracene	11.363	178	1334368	51.853	ng	99
73) Carbazole	11.527	167	1208923	51.606	ng	99
74) Di-n-butylphthalate	11.857	149	1428490	51.749	ng	100
75) Fluoranthene	12.504	202	1274299	48.849	ng	98
77) Benzidine	12.633	184	456715	79.428	ng	99
78) Pyrene	12.733	202	1263513	47.284	ng	99
80) Butylbenzylphthalate	13.357	149	468909	49.840	ng	93
81) Benzo(a)anthracene	13.933	228	1029021	56.778	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	332788	58.787	ng	# 97
83) Chrysene	13.968	228	994374	55.185	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	583876	60.477	ng	99
85) Di-n-octyl phthalate	14.539	149	1138939	74.232	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	934577	39.085	ng	96
88) Benzo(b)fluoranthene	14.986	252	1151090	58.307	ng	# 97
89) Benzo(k)fluoranthene	15.015	252	1003827	51.474	ng	# 97
90) Benzo(a)pyrene	15.351	252	1025421	54.467	ng	98
91) Dibenzo(a,h)anthracene	16.909	278	746377	38.149	ng	98
92) Benzo(g,h,i)perylene	17.345	276	710332	34.764	ng	97

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

