

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135345.D
 Acq On : 19 Sep 2023 20:33
 Operator : CG\JU
 Sample : 04460-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEL-1-LEFT-SIDEMS

Quant Time: Sep 20 01:38:58 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 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
 Supervised By :mohammad ahmed 09/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	134254	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	498533	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	216517	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	342207	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	210443	20.000	ng	0.00
86) Perylene-d12	15.409	264	197559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	855107	103.594	ng	0.01
7) Phenol-d6	6.416	99	1034079	98.521	ng	0.01
23) Nitrobenzene-d5	7.328	82	659839	71.908	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	183695	85.374	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1038485	72.363	ng	-0.01
79) Terphenyl-d14	12.880	244	800545	58.971	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	143620	39.690	ng	# 89
3) Pyridine	3.275	79	376455	38.654	ng	99
4) n-Nitrosodimethylamine	3.240	42	240686	46.572	ng	99
6) Aniline	6.428	93	374628	27.218	ng	# 8
8) 2-Chlorophenol	6.551	128	408849	46.399	ng	99
9) Benzaldehyde	6.316	77	137777	23.042	ng	98
10) Phenol	6.428	94	455404	39.568	ng	80
11) bis(2-Chloroethyl)ether	6.498	93	406138	47.044	ng	99
12) 1,3-Dichlorobenzene	6.698	146	395506	44.165	ng	99
13) 1,4-Dichlorobenzene	6.775	146	404490	44.396	ng	97
14) 1,2-Dichlorobenzene	6.928	146	373929	44.194	ng	98
15) Benzyl Alcohol	6.916	79	336731	44.708	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.039	45	741105	45.542	ng	93
17) 2-Methylphenol	7.028	107	310393	39.917	ng	# 93
18) Hexachloroethane	7.263	117	147141	43.708	ng	90
19) n-Nitroso-di-n-propyla...	7.181	70	256133	39.398	ng	95
20) 3+4-Methylphenols	7.181	107	356377	38.114	ng	# 83
22) Acetophenone	7.169	105	505145	44.320	ng	# 93
24) Nitrobenzene	7.345	77	415157	45.774	ng	100
25) Isophorone	7.586	82	762041	45.226	ng	99
26) 2-Nitrophenol	7.663	139	204104	46.889	ng	91
27) 2,4-Dimethylphenol	7.704	122	302959	41.406	ng	99
28) bis(2-Chloroethoxy)met...	7.792	93	481310	47.725	ng	100
29) 2,4-Dichlorophenol	7.904	162	305573	45.071	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	322112	45.454	ng	99
31) Naphthalene	8.063	128	1057404	43.654	ng	99
32) Benzoic acid	7.839	122	224628	40.770	ng	98
33) 4-Chloroaniline	8.116	127	340994	32.087	ng	97
34) Hexachlorobutadiene	8.175	225	191183	44.742	ng	98
35) Caprolactam	8.492	113	103461m	45.469	ng	
36) 4-Chloro-3-methylphenol	8.604	107	318944	42.327	ng	100
37) 2-Methylnaphthalene	8.751	142	652804	40.093	ng	97
38) 1-Methylnaphthalene	8.851	142	619324	40.628	ng	100
40) 1,2,4,5-Tetrachloroben...	8.922	216	310067	49.431	ng	99
41) Hexachlorocyclopentadiene	8.898	237	78266	33.087	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	196393	47.819	ng	99

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44) 2,4,5-Trichlorophenol	9.080	196	200655	42.425	ng	96
46) 1,1'-Biphenyl	9.222	154	793557	47.693	ng	99
47) 2-Chloronaphthalene	9.245	162	581511	48.168	ng	99
48) 2-Nitroaniline	9.345	65	223297	47.610	ng	97
49) Acenaphthylene	9.657	152	911156	45.413	ng	99
50) Dimethylphthalate	9.522	163	707096	48.303	ng	99
51) 2,6-Dinitrotoluene	9.592	165	150038	46.786	ng	88
52) Acenaphthene	9.827	154	529686	44.690	ng	97
53) 3-Nitroaniline	9.763	138	149178	39.629	ng	90
54) 2,4-Dinitrophenol	9.874	184	44240	28.651	ng	95
55) Dibenzofuran	10.004	168	756176	41.808	ng	98
56) 4-Nitrophenol	9.933	139	183969	76.897	ng	99
57) 2,4-Dinitrotoluene	9.998	165	159585	39.750	ng	86
58) Fluorene	10.345	166	567711	40.829	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	147042	40.416	ng	99
60) Diethylphthalate	10.227	149	676114	46.021	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	277409	41.533	ng	98
62) 4-Nitroaniline	10.374	138	138704	38.333	ng	99
63) Azobenzene	10.498	77	624673	43.446	ng	95
65) 4,6-Dinitro-2-methylph...	10.410	198	34413	18.934	ng	96
66) n-Nitrosodiphenylamine	10.463	169	526745	50.843	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	161935	47.579	ng	98
68) Hexachlorobenzene	10.898	284	165612	47.763	ng	96
69) Atrazine	10.992	200	151723	54.427	ng	99
70) Pentachlorophenol	11.098	266	159726	76.994	ng	99
71) Phenanthrene	11.316	178	747948	46.213	ng	100
72) Anthracene	11.363	178	762313	45.822	ng	100
73) Carbazole	11.527	167	685996	45.297	ng	98
74) Di-n-butylphthalate	11.857	149	893201	50.052	ng	99
75) Fluoranthene	12.510	202	776055	46.017	ng	100
77) Benzidine	12.633	184	305911	70.955	ng	99
78) Pyrene	12.739	202	804759	40.166	ng	99
80) Butylbenzylphthalate	13.363	149	331480	46.990	ng	96
81) Benzo(a)anthracene	13.939	228	625321	46.017	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	219300	51.666	ng	# 97
83) Chrysene	13.974	228	637076	47.154	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	420777	58.127	ng	99
85) Di-n-octyl phthalate	14.545	149	762383	66.271	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	474785	36.654	ng	97
88) Benzo(b)fluoranthene	14.986	252	584072	54.614	ng	# 95
89) Benzo(k)fluoranthene	15.015	252	471205	44.603	ng	# 97
90) Benzo(a)pyrene	15.351	252	459633	45.068	ng	100
91) Dibenzo(a,h)anthracene	16.909	278	391198	36.910	ng	99
92) Benzo(g,h,i)perylene	17.345	276	380684	34.392	ng	98

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

