

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135474.D
 Acq On : 27 Sep 2023 16:01
 Operator : CG\JU
 Sample : 04531-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-BCDMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023

Quant Time: Sep 28 01:48:12 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	174691	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	657790	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	305930	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	505939	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	261194	20.000	ng	0.00
86) Perylene-d12	15.416	264	354898	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	1346823	125.395	ng	0.03
7) Phenol-d6	6.416	99	1614910	118.245	ng	0.01
23) Nitrobenzene-d5	7.328	82	1158782	95.708	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	348610	114.667	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1826267	90.064	ng	0.00
79) Terphenyl-d14	12.880	244	1384823	82.190	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	239633	50.894	ng	# 77
3) Pyridine	3.422	79	457268	36.084	ng	95
4) n-Nitrosodimethylamine	3.352	42	357488	53.161	ng	94
6) Aniline	6.428	93	458727	25.614	ng	# 7
8) 2-Chlorophenol	6.551	128	584085	50.942	ng	97
9) Benzaldehyde	6.316	77	81350	10.456	ng	96
10) Phenol	6.428	94	614077	41.004	ng	91
11) bis(2-Chloroethyl)ether	6.504	93	608223	54.144	ng	99
12) 1,3-Dichlorobenzene	6.698	146	582762	50.012	ng	97
13) 1,4-Dichlorobenzene	6.775	146	575967	48.583	ng	99
14) 1,2-Dichlorobenzene	6.922	146	541507	49.185	ng	99
15) Benzyl Alcohol	6.910	79	467911	47.744	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1047073	49.450	ng	74
17) 2-Methylphenol	7.028	107	451050	44.579	ng	# 89
18) Hexachloroethane	7.263	117	224299	51.205	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	368964	43.616	ng	97
20) 3+4-Methylphenols	7.181	107	507444	41.708	ng	# 80
22) Acetophenone	7.169	105	734310	48.828	ng	# 93
24) Nitrobenzene	7.345	77	606464	50.678	ng	99
25) Isophorone	7.581	82	1116599	50.224	ng	97
26) 2-Nitrophenol	7.657	139	311615	54.255	ng	97
27) 2,4-Dimethylphenol	7.704	122	443658	45.955	ng	96
28) bis(2-Chloroethoxy)met...	7.792	93	699922	52.599	ng	98
29) 2,4-Dichlorophenol	7.904	162	444520	49.691	ng	99
30) 1,2,4-Trichlorobenzene	7.981	180	473057	50.593	ng	99
31) Naphthalene	8.057	128	1577318	49.353	ng	99
32) Benzoic acid	7.851	122	340244	46.803	ng	99
33) 4-Chloroaniline	8.110	127	295233	21.055	ng	98
34) Hexachlorobutadiene	8.169	225	265860	47.155	ng	98
35) Caprolactam	8.498	113	124702m	41.535	ng	
36) 4-Chloro-3-methylphenol	8.610	107	471295	47.402	ng	96
37) 2-Methylnaphthalene	8.751	142	975440	45.404	ng	98
38) 1-Methylnaphthalene	8.851	142	920469	45.763	ng	99
40) 1,2,4,5-Tetrachloroben...	8.916	216	444594	50.163	ng	99
41) Hexachlorocyclopentadiene	8.898	237	273100	70.860	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	289191	49.835	ng	99

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44) 2,4,5-Trichlorophenol	9.087	196	314081	46.998	ng	97
46) 1,1'-Biphenyl	9.216	154	1193366	50.759	ng	98
47) 2-Chloronaphthalene	9.245	162	895039	52.470	ng	99
48) 2-Nitroaniline	9.351	65	346767	52.326	ng	94
49) Acenaphthylene	9.657	152	1404139	49.530	ng	99
50) Dimethylphthalate	9.528	163	1030459	49.819	ng	100
51) 2,6-Dinitrotoluene	9.592	165	225681	49.806	ng	91
52) Acenaphthene	9.828	154	823703	49.185	ng	97
53) 3-Nitroaniline	9.763	138	186584	35.080	ng	98
54) 2,4-Dinitrophenol	9.881	184	216744	83.927	ng	94
55) Dibenzofuran	10.004	168	1145982	44.842	ng	98
56) 4-Nitrophenol	9.945	139	244809	72.420	ng	97
57) 2,4-Dinitrotoluene	10.004	165	241635	42.597	ng	# 83
58) Fluorene	10.351	166	906625	46.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	244482	47.558	ng	97
60) Diethylphthalate	10.228	149	977748	47.102	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	417399	44.228	ng	96
62) 4-Nitroaniline	10.386	138	222028	43.427	ng	90
63) Azobenzene	10.498	77	1019095	50.162	ng	96
65) 4,6-Dinitro-2-methylph...	10.416	198	136792	50.905	ng	93
66) n-Nitrosodiphenylamine	10.463	169	830870	54.245	ng	99
67) 4-Bromophenyl-phenylether	10.828	248	261939	52.055	ng	94
68) Hexachlorobenzene	10.898	284	265947	51.878	ng	92
69) Atrazine	10.998	200	234050	56.789	ng	98
70) Pentachlorophenol	11.098	266	248596	81.052	ng	99
71) Phenanthrene	11.316	178	1220350	50.999	ng	99
72) Anthracene	11.369	178	1238962	50.372	ng	100
73) Carbazole	11.528	167	1110873	49.614	ng	99
74) Di-n-butylphthalate	11.857	149	1396303	52.923	ng	99
75) Fluoranthene	12.510	202	1140034	45.723	ng	99
77) Benzidine	12.633	184	154738	28.917	ng	98
78) Pyrene	12.739	202	1147081	46.127	ng	100
80) Butylbenzylphthalate	13.363	149	468574	53.518	ng	99
81) Benzo(a)anthracene	13.939	228	881820	52.284	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	278994	52.959	ng	# 98
83) Chrysene	13.974	228	853530	50.900	ng	99
84) Bis(2-ethylhexyl)phtha...	13.922	149	578714	64.411	ng	# 99
85) Di-n-octyl phthalate	14.545	149	1077156	75.440	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	1023268	43.975	ng	96
88) Benzo(b)fluoranthene	14.992	252	995290	51.806	ng	97
89) Benzo(k)fluoranthene	15.021	252	887206	46.749	ng	99
90) Benzo(a)pyrene	15.357	252	895895	48.900	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	832594	43.730	ng	99
92) Benzo(g,h,i)perylene	17.351	276	786081	39.533	ng	96

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

