

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
 Data File : BF127198.D
 Acq On : 04 Mar 2022 13:56
 Operator : CG\JU
 Sample : N1790-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-17MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2022
 Supervised By : Jagrut Upadhyay 03/07/2022

Quant Time: Mar 05 02:19:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	89058	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	352837	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	191979	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	343477	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	253718	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	196641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	510880	88.662	ng	0.01
7) Phenol-d6	6.516	99	669491	86.106	ng	0.00
23) Nitrobenzene-d5	7.445	82	487602	62.377	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	223976	101.329	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	823920	63.181	ng	0.00
79) Terphenyl-d14	12.998	244	984185	57.024	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	113263	42.956	ng	98
3) Pyridine	3.493	79	291221	42.109	ng	94
4) n-Nitrosodimethylamine	3.469	42	153148	45.205	ng	77
6) Aniline	6.545	93	182652	19.827	ng	96
8) 2-Chlorophenol	6.669	128	306805	49.625	ng	92
9) Benzaldehyde	6.434	77	192265	40.624	ng	99
10) Phenol	6.528	94	368352m	46.887	ng	
11) bis(2-Chloroethyl)ether	6.616	93	282744	45.886	ng	99
12) 1,3-Dichlorobenzene	6.822	146	314182	47.109	ng	97
13) 1,4-Dichlorobenzene	6.898	146	319414	47.242	ng	97
14) 1,2-Dichlorobenzene	7.045	146	296968	46.058	ng	98
15) Benzyl Alcohol	7.022	79	276802	42.259	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	354478	36.533	ng	88
17) 2-Methylphenol	7.134	107	256923	48.032	ng	# 90
18) Hexachloroethane	7.387	117	120107	46.344	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	222512	44.413	ng	97
20) 3+4-Methylphenols	7.287	107	318804	45.898	ng	89
22) Acetophenone	7.292	105	427001	45.964	ng	99
24) Nitrobenzene	7.463	77	349297	47.301	ng	95
25) Isophorone	7.704	82	622483	48.124	ng	# 97
26) 2-Nitrophenol	7.781	139	162469	51.675	ng	# 84
27) 2,4-Dimethylphenol	7.816	122	282054	54.608	ng	93
28) bis(2-Chloroethoxy)met...	7.910	93	362601	46.239	ng	98
29) 2,4-Dichlorophenol	8.022	162	243446	50.133	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	262419	48.337	ng	100
31) Naphthalene	8.186	128	857537	46.558	ng	99
32) Benzoic acid	7.951	122	185065	50.522	ng	84
33) 4-Chloroaniline	8.234	127	74604	10.291	ng	95
34) Hexachlorobutadiene	8.292	225	150444	47.466	ng	97
35) Caprolactam	8.616	113	77479m	45.690	ng	
36) 4-Chloro-3-methylphenol	8.728	107	303755	48.944	ng	97
37) 2-Methylnaphthalene	8.881	142	565668	47.330	ng	96
38) 1-Methylnaphthalene	8.975	142	548038	47.885	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	243788	48.241	ng	98
41) Hexachlorocyclopentadiene	9.028	237	288308	105.188	ng	94
43) 2,4,6-Trichlorophenol	9.157	196	167537	45.201	ng	98

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44) 2,4,5-Trichlorophenol	9.204	196	182061	46.678	ng	91
46) 1,1'-Biphenyl	9.345	154	752693	49.486	ng	96
47) 2-Chloronaphthalene	9.369	162	567583	50.321	ng	95
48) 2-Nitroaniline	9.469	65	214310	48.149	ng	98
49) Acenaphthylene	9.786	152	907750	49.545	ng	98
50) Dimethylphthalate	9.651	163	687468	50.098	ng	99
51) 2,6-Dinitrotoluene	9.716	165	145556	52.136	ng	99
52) Acenaphthene	9.957	154	623194m	52.301	ng	
53) 3-Nitroaniline	9.880	138	76207	22.330	ng	95
54) 2,4-Dinitrophenol	9.998	184	152387	103.123	ng	# 81
55) Dibenzofuran	10.133	168	743269	45.364	ng	92
56) 4-Nitrophenol	10.057	139	227087	90.093	ng	# 75
57) 2,4-Dinitrotoluene	10.122	165	185785	49.217	ng	# 96
58) Fluorene	10.475	166	598589	46.902	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	146511	47.381	ng	89
60) Diethylphthalate	10.345	149	660223	46.045	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	280682	46.640	ng	95
62) 4-Nitroaniline	10.510	138	143430	42.560	ng	# 77
63) Azobenzene	10.628	77	664638	41.627	ng	93
65) 4,6-Dinitro-2-methylph...	10.528	198	94104	46.629	ng	88
66) n-Nitrosodiphenylamine	10.586	169	526117	46.712	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	185920	48.446	ng	96
68) Hexachlorobenzene	11.022	284	207201	50.153	ng	94
69) Atrazine	11.116	200	180376	51.636	ng	97
70) Pentachlorophenol	11.222	266	209623	92.949	ng	99
71) Phenanthrene	11.445	178	893477	46.475	ng	99
72) Anthracene	11.498	178	910472	47.572	ng	99
73) Carbazole	11.651	167	794057	45.242	ng	98
74) Di-n-butylphthalate	11.969	149	1056995	46.845	ng	98
75) Fluoranthene	12.633	202	950912	52.093	ng	94
77) Benzidine	12.757	184	301746	43.763	ng	# 96
78) Pyrene	12.863	202	883425	40.078	ng	99
80) Butylbenzylphthalate	13.474	149	421270	40.370	ng	90
81) Benzo(a)anthracene	14.051	228	805323	47.082	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	158126	29.334	ng	# 97
83) Chrysene	14.092	228	732316	45.529	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	641199	46.802	ng	# 98
85) Di-n-octyl phthalate	14.645	149	961714	48.754	ng	95
87) Indeno(1,2,3-cd)pyrene	17.068	276	546021	42.347	ng	# 84
88) Benzo(b)fluoranthene	15.115	252	660644	50.022	ng	# 93
89) Benzo(k)fluoranthene	15.145	252	627641	49.271	ng	# 95
90) Benzo(a)pyrene	15.492	252	586009	56.805	ng	# 93
91) Dibenzo(a,h)anthracene	17.080	278	470270	44.099	ng	# 91
92) Benzo(g,h,i)perylene	17.527	276	458854	43.645	ng	# 85

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

