

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127688.D
 Acq On : 07 Apr 2022 17:33
 Operator : CG\JU
 Sample : N2258-10MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-E5MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/08/2022
 Supervised By : Jagrut Upadhyay 04/08/2022

Quant Time: Apr 08 04:45:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121230	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	433059	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	252479	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	467063	20.000	ng	0.00
76) Chrysene-d12	14.157	240	313407	20.000	ng	0.00
86) Perylene-d12	15.680	264	300808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	480548	64.410	ng	0.00
7) Phenol-d6	6.575	99	404095	41.402	ng	0.00
23) Nitrobenzene-d5	7.528	82	799243	82.278	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	354414	131.912	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1378195	77.222	ng	0.00
79) Terphenyl-d14	13.092	244	1451682	76.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.857	88	71959	20.334	ng	84
3) Pyridine	3.622	79	137696	14.773	ng	84
4) n-Nitrosodimethylamine	3.575	42	106606	21.268	ng	98
6) Aniline	6.628	93	290627m	24.966	ng	
8) 2-Chlorophenol	6.745	128	293733	38.812	ng	94
9) Benzaldehyde	6.516	77	202879	41.635	ng	96
10) Phenol	6.587	94	159372	16.330	ng	97
11) bis(2-Chloroethyl)ether	6.698	93	347528	43.119	ng	89
12) 1,3-Dichlorobenzene	6.904	146	353664	40.897	ng	98
13) 1,4-Dichlorobenzene	6.981	146	352421	40.315	ng	98
14) 1,2-Dichlorobenzene	7.134	146	344257	41.199	ng	98
15) Benzyl Alcohol	7.098	79	248482	29.121	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	509667	40.061	ng	97
17) 2-Methylphenol	7.204	107	209377	31.805	ng	98
18) Hexachloroethane	7.481	117	130178	39.026	ng	96
19) n-Nitroso-di-n-propyla...	7.375	70	270739	42.888	ng	96
20) 3+4-Methylphenols	7.357	107	243114	28.979	ng	# 64
22) Acetophenone	7.375	105	482091	41.427	ng	# 84
24) Nitrobenzene	7.545	77	414804	44.051	ng	97
25) Isophorone	7.786	82	763230	45.028	ng	99
26) 2-Nitrophenol	7.863	139	163521	48.322	ng	91
27) 2,4-Dimethylphenol	7.892	122	284392	42.924	ng	93
28) bis(2-Chloroethoxy)met...	7.992	93	431261	41.263	ng	100
29) 2,4-Dichlorophenol	8.098	162	292360	40.962	ng	95
30) 1,2,4-Trichlorobenzene	8.186	180	333925	40.652	ng	97
31) Naphthalene	8.275	128	944848	41.637	ng	100
32) Benzoic acid	7.963	122	62727	13.049	ng	90
33) 4-Chloroaniline	8.316	127	158711	17.759	ng	95
34) Hexachlorobutadiene	8.386	225	220036	38.942	ng	98
35) Caprolactam	8.692	113	17142m	8.126	ng	
36) 4-Chloro-3-methylphenol	8.786	107	295609	39.505	ng	99
37) 2-Methylnaphthalene	8.963	142	651168	42.904	ng	99
38) 1-Methylnaphthalene	9.063	142	619127	42.263	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	346453	41.837	ng	# 98
41) Hexachlorocyclopentadiene	9.116	237	416977	83.591	ng	97
43) 2,4,6-Trichlorophenol	9.239	196	231285	41.138	ng	99

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44) 2,4,5-Trichlorophenol	9.275	196	236030	41.605	ng	93
46) 1,1'-Biphenyl	9.428	154	814284	42.171	ng	100
47) 2-Chloronaphthalene	9.457	162	644706	42.015	ng	98
48) 2-Nitroaniline	9.551	65	223585	46.915	ng	91
49) Acenaphthylene	9.875	152	1051733	45.061	ng	99
50) Dimethylphthalate	9.733	163	787058	43.006	ng	100
51) 2,6-Dinitrotoluene	9.792	165	168648	48.888	ng	95
52) Acenaphthene	10.045	154	683147	46.458	ng	98
53) 3-Nitroaniline	9.963	138	101986	27.985	ng	95
54) 2,4-Dinitrophenol	10.069	184	148946	86.642	ng	93
55) Dibenzofuran	10.222	168	914668	42.626	ng	97
56) 4-Nitrophenol	10.104	139	116615	40.739	ng	90
57) 2,4-Dinitrotoluene	10.198	165	223805	52.329	ng	# 82
58) Fluorene	10.563	166	676667	42.679	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	215217	43.536	ng	99
60) Diethylphthalate	10.433	149	748972	42.767	ng	99
61) 4-Chlorophenyl-phenyle...	10.551	204	364585	41.851	ng	95
62) 4-Nitroaniline	10.580	138	158898	46.295	ng	92
63) Azobenzene	10.716	77	785215	40.125	ng	97
65) 4,6-Dinitro-2-methylph...	10.604	198	100378	44.495	ng	88
66) n-Nitrosodiphenylamine	10.674	169	618684	42.059	ng	99
67) 4-Bromophenyl-phenylether	11.045	248	243488	42.955	ng	93
68) Hexachlorobenzene	11.110	284	275474	44.457	ng	97
69) Atrazine	11.198	200	236486	48.387	ng	97
70) Pentachlorophenol	11.304	266	309633	83.665	ng	98
71) Phenanthrene	11.533	178	1051813	42.503	ng	99
72) Anthracene	11.580	178	1059859	43.297	ng	99
73) Carbazole	11.733	167	956958	41.721	ng	99
74) Di-n-butylphthalate	12.063	149	1134803	41.387	ng	99
75) Fluoranthene	12.721	202	1142544	42.310	ng	99
77) Benzidine	12.839	184	75832	9.270	ng	97
78) Pyrene	12.951	202	1147024	43.341	ng	99
80) Butylbenzylphthalate	13.568	149	425106	43.141	ng	92
81) Benzo(a)anthracene	14.145	228	930849	44.470	ng	99
82) 3,3'-Dichlorobenzidine	14.104	252	245299	37.590	ng	97
83) Chrysene	14.180	228	868822	43.240	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	585412	42.148	ng	# 98
85) Di-n-octyl phthalate	14.751	149	901408	44.385	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.245	276	904902	48.148	ng	99
88) Benzo(b)fluoranthene	15.227	252	859745	44.429	ng	99
89) Benzo(k)fluoranthene	15.257	252	843647	43.957	ng	99
90) Benzo(a)pyrene	15.615	252	832098	52.904	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	790849	51.935	ng	98
92) Benzo(g,h,i)perylene	17.727	276	794128	50.869	ng	99

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

