

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082222\
 Data File : BF129941.D
 Acq On : 22 Aug 2022 15:31
 Operator : CG\JU
 Sample : N4142-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-NORTHMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/23/2022
 Supervised By : Sohil Jodhani 08/23/2022

Quant Time: Aug 23 04:47:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	143664	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	594380	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	311040	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	504859	20.000	ng	0.00
76) Chrysene-d12	13.951	240	335900	20.000	ng	0.00
86) Perylene-d12	15.404	264	275110	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	978056	112.719	ng	0.02
7) Phenol-d6	6.440	99	1267851	116.681	ng	0.00
23) Nitrobenzene-d5	7.351	82	820826	73.926	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	348569	111.658	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1493046	72.905	ng	0.00
79) Terphenyl-d14	12.886	244	1531269	75.854	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	148823	41.573	ng	95
3) Pyridine	3.363	79	374901	40.019	ng	96
4) n-Nitrosodimethylamine	3.316	42	226038	52.356	ng	89
6) Aniline	6.446	93	516464	41.703	ng	93
8) 2-Chlorophenol	6.575	128	444943	46.063	ng	97
9) Benzaldehyde	6.334	77	283219	50.425	ng	97
10) Phenol	6.451	94	548517	46.020	ng	92
11) bis(2-Chloroethyl)ether	6.516	93	424363	46.886	ng	97
12) 1,3-Dichlorobenzene	6.716	146	465544	44.643	ng	99
13) 1,4-Dichlorobenzene	6.793	146	472589	44.353	ng	98
14) 1,2-Dichlorobenzene	6.946	146	449059	45.377	ng	98
15) Benzyl Alcohol	6.934	79	403663	49.209	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	597185	49.240	ng	91
17) 2-Methylphenol	7.051	107	359443	46.344	ng	98
18) Hexachloroethane	7.281	117	187187	46.782	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	332012	48.340	ng	99
20) 3+4-Methylphenols	7.204	107	467710	44.924	ng	# 88
22) Acetophenone	7.193	105	656411	45.318	ng	97
24) Nitrobenzene	7.369	77	486623	43.464	ng	95
25) Isophorone	7.610	82	890577	46.602	ng	99
26) 2-Nitrophenol	7.681	139	238387	43.287	ng	93
27) 2,4-Dimethylphenol	7.728	122	385215	48.774	ng	94
28) bis(2-Chloroethoxy)met...	7.810	93	533828	47.842	ng	98
29) 2,4-Dichlorophenol	7.934	162	369437	42.778	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	377427	41.427	ng	97
31) Naphthalene	8.081	128	1287638	41.433	ng	100
32) Benzoic acid	7.893	122	173121	48.600	ng	90
33) 4-Chloroaniline	8.140	127	429532	35.146	ng	96
34) Hexachlorobutadiene	8.187	225	237266	42.769	ng	99
35) Caprolactam	8.534	113	104792m	39.020	ng	
36) 4-Chloro-3-methylphenol	8.640	107	410047	44.012	ng	98
37) 2-Methylnaphthalene	8.775	142	853079	41.823	ng	100
38) 1-Methylnaphthalene	8.869	142	813481	41.037	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	380139	43.941	ng	98
41) Hexachlorocyclopentadiene	8.916	237	294337	94.468	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	235956	41.979	ng	97

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44) 2,4,5-Trichlorophenol	9.110	196	250237	41.381	ng	97
46) 1,1'-Biphenyl	9.239	154	1045861	44.261	ng	99
47) 2-Chloronaphthalene	9.263	162	800072	42.793	ng	98
48) 2-Nitroaniline	9.375	65	265788	44.984	ng	98
49) Acenaphthylene	9.681	152	1193213	42.087	ng	100
50) Dimethylphthalate	9.545	163	918680	41.201	ng	100
51) 2,6-Dinitrotoluene	9.616	165	203028	41.975	ng	96
52) Acenaphthene	9.851	154	729714	42.423	ng	100
53) 3-Nitroaniline	9.787	138	167046	31.229	ng	87
54) 2,4-Dinitrophenol	9.910	184	178037	81.317	ng	98
55) Dibenzofuran	10.022	168	1085729	42.015	ng	94
56) 4-Nitrophenol	9.981	139	209919	88.214	ng	85
57) 2,4-Dinitrotoluene	10.028	165	267170	42.551	ng	97
58) Fluorene	10.369	166	884691	41.002	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	188891	42.563	ng	# 79
60) Diethylphthalate	10.239	149	927494	41.717	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	416770	43.042	ng	98
62) 4-Nitroaniline	10.416	138	207720m	38.493	ng	
63) Azobenzene	10.516	77	905178	42.594	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	125408	42.313	ng	89
66) n-Nitrosodiphenylamine	10.481	169	755650	44.346	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	260062	43.980	ng	98
68) Hexachlorobenzene	10.916	284	286276	44.693	ng	97
69) Atrazine	11.010	200	244134	46.679	ng	98
70) Pentachlorophenol	11.122	266	167024	86.538	ng	98
71) Phenanthrene	11.333	178	1207310	42.818	ng	99
72) Anthracene	11.386	178	1238775	44.179	ng	99
73) Carbazole	11.545	167	1113969	43.765	ng	99
74) Di-n-butylphthalate	11.857	149	1466024	44.752	ng	99
75) Fluoranthene	12.522	202	1211481	41.988	ng	99
77) Benzidine	12.645	184	492184	63.217	ng	100
78) Pyrene	12.751	202	1234589	42.296	ng	100
80) Butylbenzylphthalate	13.357	149	556657	45.068	ng	92
81) Benzo(a)anthracene	13.939	228	961438	41.608	ng	98
82) 3,3'-Dichlorobenzidine	13.904	252	290647	40.614	ng	# 97
83) Chrysene	13.980	228	903026	41.749	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	775826	52.944	ng	99
85) Di-n-octyl phthalate	14.522	149	1121887	55.460	ng	98
87) Indeno(1,2,3-cd)pyrene	16.863	276	800106	42.363	ng	99
88) Benzo(b)fluoranthene	14.980	252	835023	44.326	ng	99
89) Benzo(k)fluoranthene	15.010	252	758219	41.969	ng	99
90) Benzo(a)pyrene	15.345	252	674328	45.455	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	692552	44.441	ng	98
92) Benzo(g,h,i)perylene	17.298	276	690578	44.418	ng	99

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

