

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129262.D
 Acq On : 18 Jul 2022 09:55
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/19/2022
 Supervised By : Jagrut Upadhyay 07/19/2022

Quant Time: Jul 19 02:07:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	260559	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	998402	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	515496	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	864990	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	584522	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	449739	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1319712	80.890	ng	0.00
7) Phenol-d6	6.534	99	1682350	79.728	ng	0.00
23) Nitrobenzene-d5	7.469	82	1519474	81.353	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	404319	84.503	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2437022	80.094	ng	0.00
79) Terphenyl-d14	13.021	244	2395078	76.652	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.704	88	300725	40.459	ng	91
3) Pyridine	3.493	79	795650	41.625	ng	92
4) n-Nitrosodimethylamine	3.446	42	361824	40.073	ng	93
6) Aniline	6.569	93	971223	39.177	ng	99
8) 2-Chlorophenol	6.692	128	693701	40.380	ng	95
9) Benzaldehyde	6.457	77	447439	34.553	ng	99
10) Phenol	6.545	94	857940m	40.476	ng	
11) bis(2-Chloroethyl)ether	6.639	93	689671	40.119	ng	93
12) 1,3-Dichlorobenzene	6.845	146	748182	40.954	ng	98
13) 1,4-Dichlorobenzene	6.922	146	754373	40.825	ng	99
14) 1,2-Dichlorobenzene	7.075	146	696914	40.464	ng	98
15) Benzyl Alcohol	7.045	79	611444	43.510	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1064466	38.861	ng	94
17) 2-Methylphenol	7.151	107	574858	39.809	ng	98
18) Hexachloroethane	7.416	117	281409	40.759	ng	92
19) n-Nitroso-di-n-propyla...	7.316	70	469959	37.865	ng	95
20) 3+4-Methylphenols	7.304	107	695427	39.183	ng	95
22) Acetophenone	7.316	105	909499	39.474	ng	# 97
24) Nitrobenzene	7.486	77	727073	40.922	ng	97
25) Isophorone	7.728	82	1230774	39.208	ng	99
26) 2-Nitrophenol	7.804	139	374721	41.986	ng	90
27) 2,4-Dimethylphenol	7.833	122	560788	40.409	ng	96
28) bis(2-Chloroethoxy)met...	7.933	93	833198	39.847	ng	98
29) 2,4-Dichlorophenol	8.045	162	569325	41.265	ng	96
30) 1,2,4-Trichlorobenzene	8.128	180	590868	41.274	ng	97
31) Naphthalene	8.210	128	1922575	40.644	ng	99
32) Benzoic acid	7.957	122	451640m	41.902	ng	
33) 4-Chloroaniline	8.257	127	778014	39.662	ng	98
34) Hexachlorobutadiene	8.322	225	332049	41.228	ng	99
35) Caprolactam	8.639	113	187882	40.995	ng	# 79
36) 4-Chloro-3-methylphenol	8.739	107	604973	40.196	ng	90
37) 2-Methylnaphthalene	8.898	142	1249024	40.512	ng	99
38) 1-Methylnaphthalene	8.998	142	1200224	40.254	ng	97
40) 1,2,4,5-Tetrachloroben...	9.063	216	536201	41.837	ng	98
41) Hexachlorocyclopentadiene	9.051	237	246770	38.262	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	394029	41.751	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	414225	41.494	ng	# 92
46) 1,1'-Biphenyl	9.363	154	1492086	40.923	ng	99
47) 2-Chloronaphthalene	9.392	162	1176631	40.971	ng	99
48) 2-Nitroaniline	9.486	65	398895	41.342	ng	96
49) Acenaphthylene	9.810	152	1793045	41.482	ng	100
50) Dimethylphthalate	9.663	163	1361908	40.712	ng	99
51) 2,6-Dinitrotoluene	9.727	165	300719	41.543	ng	91
52) Acenaphthene	9.980	154	1153607m	40.830	ng	
53) 3-Nitroaniline	9.898	138	360271	41.679	ng	# 95
54) 2,4-Dinitrophenol	10.004	184	161953	41.745	ng	98
55) Dibenzofuran	10.151	168	1638560	40.853	ng	96
56) 4-Nitrophenol	10.057	139	277824	40.608	ng	98
57) 2,4-Dinitrotoluene	10.133	165	392486	41.348	ng	98
58) Fluorene	10.498	166	1246593	40.864	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	317706m	41.198	ng	
60) Diethylphthalate	10.363	149	1316080	40.683	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	577470	40.863	ng	95
62) 4-Nitroaniline	10.516	138	352614	41.205	ng	93
63) Azobenzene	10.645	77	1382647	40.040	ng	95
65) 4,6-Dinitro-2-methylph...	10.545	198	226327	41.412	ng	94
66) n-Nitrosodiphenylamine	10.604	169	1118401	40.525	ng	96
67) 4-Bromophenyl-phenylether	10.974	248	374413	41.119	ng	93
68) Hexachlorobenzene	11.045	284	391710	40.983	ng	99
69) Atrazine	11.127	200	326094	42.621	ng	96
70) Pentachlorophenol	11.239	266	226233	39.805	ng	98
71) Phenanthrene	11.463	178	1761221	40.104	ng	100
72) Anthracene	11.516	178	1765175	40.463	ng	100
73) Carbazole	11.669	167	1767968	40.629	ng	100
74) Di-n-butylphthalate	11.986	149	2009929	40.193	ng	99
75) Fluoranthene	12.651	202	1800219	41.159	ng	97
77) Benzidine	12.768	184	537904	32.876	ng	99
78) Pyrene	12.880	202	1845428	38.979	ng	99
80) Butylbenzylphthalate	13.492	149	844526	40.049	ng	96
81) Benzo(a)anthracene	14.074	228	1503135	40.769	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	367245	39.818	ng	98
83) Chrysene	14.110	228	1391963	39.553	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1099102	39.170	ng	99
85) Di-n-octyl phthalate	14.662	149	1619994	40.253	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1132395	40.379	ng	98
88) Benzo(b)fluoranthene	15.133	252	1205775	43.642	ng	# 98
89) Benzo(k)fluoranthene	15.162	252	1060575m	39.290	ng	
90) Benzo(a)pyrene	15.509	252	933044	41.483	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	915957	40.379	ng	# 96
92) Benzo(g,h,i)perylene	17.556	276	958482	41.336	ng	98

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

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