

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129342.D
 Acq On : 25 Jul 2022 20:38
 Operator : CG\JU
 Sample : PB146423BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146423BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/26/2022
 Supervised By : Jagrut Upadhyay 07/26/2022

Quant Time: Jul 26 03:11:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	258868	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1044711	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	554764	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	922625	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	596881	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	480078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1920870	120.876	ng	0.02
7) Phenol-d6	6.516	99	2423791	121.345	ng	0.00
23) Nitrobenzene-d5	7.451	82	1616329	84.457	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	648408	121.569	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2678779	74.697	ng	0.00
79) Terphenyl-d14	13.004	244	2815834	89.001	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	259468	36.189	ng	91
3) Pyridine	3.534	79	691722	34.740	ng	89
4) n-Nitrosodimethylamine	3.475	42	390841	44.701	ng	# 89
6) Aniline	6.551	93	898272	36.175	ng	98
8) 2-Chlorophenol	6.669	128	834216	48.050	ng	98
10) Phenol	6.528	94	976775m	45.921	ng	
11) bis(2-Chloroethyl)ether	6.622	93	791436	46.916	ng	92
12) 1,3-Dichlorobenzene	6.828	146	832340	44.701	ng	97
13) 1,4-Dichlorobenzene	6.904	146	833652	44.023	ng	98
14) 1,2-Dichlorobenzene	7.051	146	797030	45.790	ng	98
15) Benzyl Alcohol	7.028	79	668907	46.174	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1143513	45.096	ng	93
17) 2-Methylphenol	7.139	107	649888	45.122	ng	98
18) Hexachloroethane	7.398	117	322737	45.261	ng	92
19) n-Nitroso-di-n-propyla...	7.298	70	542681	44.878	ng	95
20) 3+4-Methylphenols	7.286	107	766416	41.851	ng	95
22) Acetophenone	7.298	105	1053225	43.302	ng	# 97
24) Nitrobenzene	7.469	77	854523	43.360	ng	98
25) Isophorone	7.710	82	1577117	45.974	ng	97
26) 2-Nitrophenol	7.786	139	444642	45.735	ng	90
27) 2,4-Dimethylphenol	7.822	122	749322	51.382	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	964443	48.464	ng	99
29) 2,4-Dichlorophenol	8.028	162	659125	43.789	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	680449	43.674	ng	98
31) Naphthalene	8.192	128	2244967	42.296	ng	100
32) Benzoic acid	7.951	122	488639	46.348	ng	95
33) 4-Chloroaniline	8.239	127	569049	26.114	ng	96
34) Hexachlorobutadiene	8.304	225	378258	42.711	ng	99
35) Caprolactam	8.616	113	226070m	46.196	ng	
36) 4-Chloro-3-methylphenol	8.722	107	715174	44.797	ng	96
37) 2-Methylnaphthalene	8.880	142	1449437	42.021	ng	100
38) 1-Methylnaphthalene	8.980	142	1389237	41.722	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	624472	42.869	ng	97
41) Hexachlorocyclopentadiene	9.033	237	691074	106.540	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	454771	42.984	ng	97
44) 2,4,5-Trichlorophenol	9.210	196	480013	41.720	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.345	154	1727896	42.678	ng	99
47) 2-Chloronaphthalene	9.375	162	1362653	41.634	ng	99
48) 2-Nitroaniline	9.475	65	463092	42.551	ng	85
49) Acenaphthylene	9.792	152	2168936	43.612	ng	100
50) Dimethylphthalate	9.651	163	1604572	41.898	ng	100
51) 2,6-Dinitrotoluene	9.716	165	373324	43.553	ng	95
52) Acenaphthene	9.963	154	1483191m	45.662	ng	
53) 3-Nitroaniline	9.886	138	297021	29.345	ng	# 88
54) 2,4-Dinitrophenol	9.992	184	404141	92.358	ng	95
55) Dibenzofuran	10.133	168	1875439	41.884	ng	97
56) 4-Nitrophenol	10.051	139	619727	82.992	ng	99
57) 2,4-Dinitrotoluene	10.122	165	494426	44.155	ng	92
58) Fluorene	10.480	166	1456796	40.661	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	366296	41.196	ng	92
60) Diethylphthalate	10.351	149	1573610	42.505	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	655607	41.508	ng	92
62) 4-Nitroaniline	10.504	138	405350	40.370	ng	94
63) Azobenzene	10.627	77	1573417	41.668	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	259412	44.547	ng	96
66) n-Nitrosodiphenylamine	10.592	169	1309518	42.620	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	436034	43.159	ng	92
68) Hexachlorobenzene	11.027	284	476437	43.523	ng	97
69) Atrazine	11.116	200	405367	43.435	ng	96
70) Pentachlorophenol	11.222	266	508823	85.501	ng	98
71) Phenanthrene	11.445	178	2080356	41.307	ng	99
72) Anthracene	11.498	178	2090685	42.242	ng	100
73) Carbazole	11.651	167	1995840	42.839	ng	100
74) Di-n-butylphthalate	11.974	149	2378735	42.873	ng	99
75) Fluoranthene	12.633	202	2139334	41.923	ng	97
77) Benzidine	12.751	184	709636	33.654	ng	100
78) Pyrene	12.863	202	2169053	43.457	ng	99
80) Butylbenzylphthalate	13.474	149	978983	45.219	ng	98
81) Benzo(a)anthracene	14.051	228	1753993	43.019	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	452310	33.599	ng	98
83) Chrysene	14.092	228	1607035	41.821	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1312595	46.052	ng	99
85) Di-n-octyl phthalate	14.645	149	1925518	46.946	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	1495436	46.257	ng	98
88) Benzo(b)fluoranthene	15.115	252	1477971	46.411	ng	99
89) Benzo(k)fluoranthene	15.145	252	1405810	45.048	ng	99
90) Benzo(a)pyrene	15.492	252	1364417	52.780	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	1289162	48.994	ng	97
92) Benzo(g,h,i)perylene	17.527	276	1327817	49.384	ng	99

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

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