

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129164.D
 Acq On : 07 Jul 2022 17:56
 Operator : CG\JU
 Sample : N3584-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-2716SMSD

Quant Time: Jul 08 01:56:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/08/2022
 Supervised By : Jagrut Upadhyay 07/08/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	245342	20.000	ng	-0.01
21) Naphthalene-d8	8.239	136	753145	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	277859	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	247671	20.000	ng	# 0.04
76) Chrysene-d12	14.180	240	431864	20.000	ng	# 0.03
86) Perylene-d12	15.686	264	505685	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1719876	118.515	ng	0.00
7) Phenol-d6	6.581	99	2122748	117.778	ng	0.00
23) Nitrobenzene-d5	7.516	82	1139884	90.275	ng	-0.01
42) 2,4,6-Tribromophenol	10.816	330	417677	138.244	ng	0.02
45) 2-Fluorobiphenyl	9.316	172	1663527	95.778	ng	0.00
79) Terphenyl-d14	13.139	244	1327330	63.825	ng	0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	303870	46.967	ng	86
3) Pyridine	3.610	79	808163	51.149	ng	84
4) n-Nitrosodimethylamine	3.546	42	364140	50.868	ng	# 77
6) Aniline	6.645	93	872098m	43.266	ng	
8) 2-Chlorophenol	6.740	128	813720	53.371	ng	94
9) Benzaldehyde	6.504	77	456400	67.675	ng	98
10) Phenol	6.593	94	961930m	52.678	ng	
11) bis(2-Chloroethyl)ether	6.687	93	776969	53.757	ng	91
12) 1,3-Dichlorobenzene	6.893	146	848777	50.571	ng	99
13) 1,4-Dichlorobenzene	6.969	146	856168	50.575	ng	100
14) 1,2-Dichlorobenzene	7.122	146	807735	50.757	ng	99
15) Benzyl Alcohol	7.092	79	639868	50.472	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.222	45	1018443	49.335	ng	90
17) 2-Methylphenol	7.204	107	608724	49.064	ng	96
18) Hexachloroethane	7.469	117	282078	47.462	ng	96
19) n-Nitroso-di-n-propyla...	7.363	70	503171	48.261	ng	88
20) 3+4-Methylphenols	7.351	107	769554	48.777	ng	90
22) Acetophenone	7.363	105	997306	57.724	ng	# 94
24) Nitrobenzene	7.540	77	709262	58.054	ng	90
25) Isophorone	7.775	82	1220964	57.215	ng	96
26) 2-Nitrophenol	7.851	139	354393	62.415	ng	88
27) 2,4-Dimethylphenol	7.881	122	540360	52.713	ng	99
28) bis(2-Chloroethoxy)met...	7.981	93	763195	52.075	ng	99
29) 2,4-Dichlorophenol	8.092	162	526361	50.342	ng	97
30) 1,2,4-Trichlorobenzene	8.175	180	541269	47.043	ng	96
31) Naphthalene	8.263	128	1748418	51.137	ng	100
32) Benzoic acid	8.010	122	416840	50.682	ng	92
33) 4-Chloroaniline	8.310	127	371002	26.929	ng	95
34) Hexachlorobutadiene	8.375	225	337071	49.063	ng	98
35) Caprolactam	8.728	113	190600m	57.487	ng	
36) 4-Chloro-3-methylphenol	8.781	107	529134	49.809	ng	96
37) 2-Methylnaphthalene	8.951	142	1056924	45.940	ng	99
38) 1-Methylnaphthalene	9.051	142	974995	43.639	ng	100
40) 1,2,4,5-Tetrachloroben...	9.116	216	472801	60.537	ng	97
41) Hexachlorocyclopentadiene	9.104	237	515514	125.045	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	306557	57.625	ng	98

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44) 2,4,5-Trichlorophenol	9.269	196	338439	59.810	ng	# 93
46) 1,1'-Biphenyl	9.416	154	1183835	59.263	ng	100
47) 2-Chloronaphthalene	9.445	162	850191	55.113	ng	98
48) 2-Nitroaniline	9.539	65	255227m	62.818	ng	
49) Acenaphthylene	9.869	152	1179069	50.301	ng	# 93
50) Dimethylphthalate	9.716	163	980599	56.412	ng	# 91
51) 2,6-Dinitrotoluene	9.781	165	289154	81.404	ng	87
52) Acenaphthene	10.039	154	753005	49.318	ng	98
53) 3-Nitroaniline	9.951	138	193622	45.710	ng	# 68
54) 2,4-Dinitrophenol	10.057	184	116683	62.397	ng	# 84
55) Dibenzofuran	10.216	168	1042926	46.910	ng	98
56) 4-Nitrophenol	10.110	139	359147	103.770	ng	# 67
57) 2,4-Dinitrotoluene	10.186	165	266714	60.822	ng	# 82
58) Fluorene	10.569	166	690519	40.153	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.333	232	210818	44.970	ng	# 96
60) Diethylphthalate	10.428	149	720704	41.377	ng	# 85
61) 4-Chlorophenyl-phenyle...	10.557	204	387720m	45.250	ng	
62) 4-Nitroaniline	10.569	138	121316	28.882	ng	93
63) Azobenzene	10.716	77	516259	30.252	ng	82
65) 4,6-Dinitro-2-methylph...	10.604	198	63006	57.501	ng	# 1
66) n-Nitrosodiphenylamine	10.669	169	763240	101.469	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	190423	72.279	ng	# 81
68) Hexachlorobenzene	11.145	284	243853	83.123	ng	# 82
69) Atrazine	11.245	200	163168	77.089	ng	# 6
70) Pentachlorophenol	11.333	266	238339	136.402	ng	99
71) Phenanthrene	11.563	178	684869	57.875	ng	# 76
72) Anthracene	11.616	178	627832	53.812	ng	# 80
73) Carbazole	11.763	167	538338	46.048	ng	# 76
74) Di-n-butylphthalate	12.098	149	684842	55.558	ng	# 86
75) Fluoranthene	12.780	202	886505	71.632	ng	89
78) Pyrene	13.010	202	964340	32.214	ng	# 93
80) Butylbenzylphthalate	13.592	149	462436	37.920	ng	# 88
81) Benzo(a)anthracene	14.174	228	1374711	52.134	ng	98
82) 3,3'-Dichlorobenzidine	14.127	252	218833	38.408	ng	# 95
83) Chrysene	14.210	228	1286340	52.547	ng	99
84) Bis(2-ethylhexyl)phtha...	14.127	149	761864	47.008	ng	# 91
85) Di-n-octyl phthalate	14.739	149	1629443	68.106	ng	# 91
87) Indeno(1,2,3-cd)pyrene	17.245	276	1568182	50.562	ng	98
88) Benzo(b)fluoranthene	15.239	252	1875690	61.676	ng	97
89) Benzo(k)fluoranthene	15.268	252	1680295	56.965	ng	98
90) Benzo(a)pyrene	15.621	252	1373186	55.388	ng	98
91) Dibenzo(a,h)anthracene	17.257	278	1357090	53.676	ng	99
92) Benzo(g,h,i)perylene	17.715	276	1282960	50.578	ng	99

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

