

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127461.D
 Acq On : 22 Mar 2022 19:45
 Operator : CG\JU
 Sample : N1908-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-9-3MSD

Quant Time: Mar 23 03:02:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	98654	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	364404	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	208131	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	350122	20.000	ng	0.00
76) Chrysene-d12	14.027	240	196881	20.000	ng	0.00
86) Perylene-d12	15.504	264	200149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	782104	126.544	ng	0.03
7) Phenol-d6	6.493	99	1004854	118.943	ng	0.00
23) Nitrobenzene-d5	7.422	82	794762	93.228	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	299177	134.939	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1316234	92.346	ng	0.00
79) Terphenyl-d14	12.963	244	1143100	95.046	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	130765	48.172	ng	# 78
3) Pyridine	3.552	79	270645	35.325	ng	96
4) n-Nitrosodimethylamine	3.505	42	215509	51.231	ng	95
6) Aniline	6.522	93	156679	15.541	ng	# 81
8) 2-Chlorophenol	6.640	128	328960	52.085	ng	95
9) Benzaldehyde	6.410	77	143857	31.877	ng	93
10) Phenol	6.504	94	402236	43.719	ng	99
11) bis(2-Chloroethyl)ether	6.593	93	382375	56.798	ng	99
12) 1,3-Dichlorobenzene	6.793	146	354393	49.888	ng	95
13) 1,4-Dichlorobenzene	6.869	146	361454	50.585	ng	99
14) 1,2-Dichlorobenzene	7.016	146	342217	49.173	ng	97
15) Benzyl Alcohol	6.998	79	289754	47.193	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	626111	51.683	ng	78
17) 2-Methylphenol	7.110	107	289033	54.226	ng	# 92
18) Hexachloroethane	7.357	117	140310	53.636	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	270481	53.412	ng	99
20) 3+4-Methylphenols	7.263	107	329083	50.056	ng	# 86
22) Acetophenone	7.263	105	466022	50.029	ng	97
24) Nitrobenzene	7.440	77	419522	51.602	ng	99
25) Isophorone	7.675	82	771589	56.827	ng	100
26) 2-Nitrophenol	7.751	139	174659	51.224	ng	100
27) 2,4-Dimethylphenol	7.793	122	306540	59.765	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	465143	52.736	ng	100
29) 2,4-Dichlorophenol	7.998	162	296835	50.979	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	332809	49.050	ng	99
31) Naphthalene	8.157	128	975426	50.418	ng	99
32) Benzoic acid	7.951	122	148111m	49.962	ng	
33) 4-Chloroaniline	8.216	127	52815	7.045	ng	96
34) Hexachlorobutadiene	8.263	225	211819	49.162	ng	98
35) Caprolactam	8.598	113	69726m	38.843	ng	
36) 4-Chloro-3-methylphenol	8.704	107	321931	50.959	ng	99
37) 2-Methylnaphthalene	8.845	142	640735	51.506	ng	100
38) 1-Methylnaphthalene	8.945	142	631380	51.327	ng	97
40) 1,2,4,5-Tetrachloroben...	9.010	216	332316	50.217	ng	99
41) Hexachlorocyclopentadiene	8.992	237	258501	100.277	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	200601	50.148	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	217482	52.816	ng	95
46) 1,1'-Biphenyl	9.310	154	796442	50.666	ng	99
47) 2-Chloronaphthalene	9.339	162	617534	49.887	ng	98
48) 2-Nitroaniline	9.445	65	230389	48.563	ng	96
49) Acenaphthylene	9.757	152	968575	51.758	ng	99
50) Dimethylphthalate	9.616	163	770534	53.216	ng	99
51) 2,6-Dinitrotoluene	9.687	165	161241	53.050	ng	90
52) Acenaphthene	9.928	154	555237	50.853	ng	98
53) 3-Nitroaniline	9.857	138	40607	12.180	ng	97
54) 2,4-Dinitrophenol	9.969	184	105783	70.161	ng	92
55) Dibenzofuran	10.098	168	813549	52.166	ng	100
56) 4-Nitrophenol	10.034	139	135645	79.936	ng	97
57) 2,4-Dinitrotoluene	10.092	165	193540	49.471	ng	95
58) Fluorene	10.439	166	649384	51.702	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	188567	51.795	ng	95
60) Diethylphthalate	10.316	149	666384	50.389	ng	99
61) 4-Chlorophenyl-phenylether	10.428	204	353950	47.298	ng	99
62) 4-Nitroaniline	10.481	138	124614	39.903	ng	99
63) Azobenzene	10.592	77	753157	48.265	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	87621	40.671	ng	95
66) n-Nitrosodiphenylamine	10.557	169	566833	53.184	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	216347	52.926	ng	96
68) Hexachlorobenzene	10.986	284	237622	53.254	ng	98
69) Atrazine	11.081	200	202990	57.211	ng	96
70) Pentachlorophenol	11.192	266	179388	102.095	ng	99
71) Phenanthrene	11.410	178	918206	50.303	ng	99
72) Anthracene	11.457	178	924030	51.012	ng	99
73) Carbazole	11.616	167	775234	44.752	ng	100
74) Di-n-butylphthalate	11.933	149	983167	54.831	ng	100
75) Fluoranthene	12.598	202	917641	45.707	ng	99
77) Benzidine	12.722	184	71231	15.174	ng	99
78) Pyrene	12.828	202	878666	52.002	ng	99
80) Butylbenzylphthalate	13.433	149	319081	57.377	ng	97
81) Benzo(a)anthracene	14.016	228	675017	51.268	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	114449	29.576	ng	98
83) Chrysene	14.057	228	631639	50.662	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	431792	67.169	ng	99
85) Di-n-octyl phthalate	14.598	149	671065	78.447	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	655229	48.380	ng	99
88) Benzo(b)fluoranthene	15.074	252	648360	51.376	ng	98
89) Benzo(k)fluoranthene	15.104	252	628695	48.056	ng	99
90) Benzo(a)pyrene	15.445	252	634700	61.283	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	580370	51.905	ng	98
92) Benzo(g,h,i)perylene	17.462	276	546755	47.308	ng	100

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

