

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127460.D
 Acq On : 22 Mar 2022 19:17
 Operator : CG\JU
 Sample : N1908-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 03:02:13 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	102718	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	385038	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	222625	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	394958	20.000	ng	0.00
76) Chrysene-d12	14.027	240	197711	20.000	ng	0.00
86) Perylene-d12	15.504	264	200791	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	817094	126.975	ng	0.03
7) Phenol-d6	6.493	99	1053128	119.725	ng	0.00
23) Nitrobenzene-d5	7.422	82	828177	91.942	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	329400	138.898	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1387574	91.013	ng	0.00
79) Terphenyl-d14	12.963	244	1266340	104.851	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	134929	47.740	ng	# 78
3) Pyridine	3.552	79	273086	34.233	ng	95
4) n-Nitrosodimethylamine	3.505	42	220794	50.411	ng	95
6) Aniline	6.522	93	168311	16.034	ng	# 81
8) 2-Chlorophenol	6.640	128	346825	52.741	ng	96
9) Benzaldehyde	6.410	77	157550	33.948	ng	95
10) Phenol	6.510	94	422942	44.151	ng	97
11) bis(2-Chloroethyl)ether	6.593	93	395855	56.474	ng	99
12) 1,3-Dichlorobenzene	6.793	146	366803	49.592	ng	96
13) 1,4-Dichlorobenzene	6.869	146	369637	49.683	ng	99
14) 1,2-Dichlorobenzene	7.016	146	350190	48.327	ng	98
15) Benzyl Alcohol	7.004	79	305707	47.822	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	649455	51.489	ng	78
17) 2-Methylphenol	7.110	107	306046	55.146	ng	# 91
18) Hexachloroethane	7.357	117	142514	52.323	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	282540	53.586	ng	100
20) 3+4-Methylphenols	7.263	107	347742	50.801	ng	# 87
22) Acetophenone	7.263	105	490011	49.785	ng	98
24) Nitrobenzene	7.440	77	438237	51.015	ng	98
25) Isophorone	7.675	82	823091	57.372	ng	99
26) 2-Nitrophenol	7.751	139	182341	50.611	ng	97
27) 2,4-Dimethylphenol	7.792	122	324254	59.831	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	485244	52.067	ng	99
29) 2,4-Dichlorophenol	7.998	162	315241	51.239	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	347296	48.442	ng	97
31) Naphthalene	8.157	128	1017122	49.756	ng	99
32) Benzoic acid	7.951	122	127919	41.942	ng	93
33) 4-Chloroaniline	8.222	127	55379m	6.991	ng	
34) Hexachlorobutadiene	8.263	225	220092	48.345	ng	97
35) Caprolactam	8.604	113	73090m	38.535	ng	
36) 4-Chloro-3-methylphenol	8.704	107	346046	51.841	ng	98
37) 2-Methylnaphthalene	8.845	142	671311	51.072	ng	99
38) 1-Methylnaphthalene	8.945	142	661566	50.899	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	352413	49.786	ng	99
41) Hexachlorocyclopentadiene	8.992	237	274281	99.756	ng	96
43) 2,4,6-Trichlorophenol	9.128	196	214333	50.092	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	237479	53.917	ng	95
46) 1,1'-Biphenyl	9.310	154	844470	50.224	ng	99
47) 2-Chloronaphthalene	9.339	162	659321	49.795	ng	99
48) 2-Nitroaniline	9.445	65	250512	49.367	ng	98
49) Acenaphthylene	9.757	152	1031363	51.525	ng	100
50) Dimethylphthalate	9.616	163	837734	54.090	ng	99
51) 2,6-Dinitrotoluene	9.686	165	170705	52.508	ng	96
52) Acenaphthene	9.928	154	590703	50.579	ng	98
53) 3-Nitroaniline	9.857	138	44355	12.438	ng	99
54) 2,4-Dinitrophenol	9.969	184	108149	67.444	ng	# 90
55) Dibenzofuran	10.098	168	868603	52.064	ng	99
56) 4-Nitrophenol	10.033	139	157108	86.557	ng	98
57) 2,4-Dinitrotoluene	10.092	165	209659	50.102	ng	95
58) Fluorene	10.445	166	706882	52.661	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	201884	51.843	ng	96
60) Diethylphthalate	10.316	149	729167	51.546	ng	99
61) 4-Chlorophenyl-phenylether	10.428	204	378127	47.239	ng	97
62) 4-Nitroaniline	10.481	138	142835	42.760	ng	96
63) Azobenzene	10.592	77	824388	49.390	ng	98
65) 4,6-Dinitro-2-methylphthalate	10.504	198	91281	37.560	ng	99
66) n-Nitrosodiphenylamine	10.557	169	618604	51.453	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	236482	51.284	ng	93
68) Hexachlorobenzene	10.986	284	260667	51.787	ng	95
69) Atrazine	11.080	200	226875	56.684	ng	96
70) Pentachlorophenol	11.192	266	188563	95.594	ng	97
71) Phenanthrene	11.410	178	1004772	48.797	ng	99
72) Anthracene	11.463	178	1013959	49.622	ng	99
73) Carbazole	11.622	167	867247	44.380	ng	98
74) Di-n-butylphthalate	11.933	149	1113067	55.028	ng	100
75) Fluoranthene	12.598	202	1013976	44.772	ng	98
77) Benzidine	12.722	184	58492	12.408	ng	97
78) Pyrene	12.827	202	984938	58.047	ng	99
80) Butylbenzylphthalate	13.433	149	349648	62.610	ng	98
81) Benzo(a)anthracene	14.016	228	685604	51.854	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	112347	28.911	ng	96
83) Chrysene	14.051	228	640581	51.163	ng	99
84) Bis(2-ethylhexyl)phthalate	13.986	149	462834	71.696	ng	99
85) Di-n-octyl phthalate	14.598	149	681008	79.275	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	673206	49.549	ng	98
88) Benzo(b)fluoranthene	15.074	252	633974	50.076	ng	99
89) Benzo(k)fluoranthene	15.104	252	630393	48.031	ng	99
90) Benzo(a)pyrene	15.445	252	624239	60.080	ng	97
91) Dibenzo(a,h)anthracene	17.021	278	599509	53.445	ng	98
92) Benzo(g,h,i)perylene	17.462	276	567229	48.922	ng	98

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

