

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127507.D
 Acq On : 24 Mar 2022 17:22
 Operator : CG\JU
 Sample : N2063-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-(10-10.5)MS

Quant Time: Mar 24 18:20:33 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 03/25/2022
 Supervised By : Jagrut Upadhyay 03/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	85927	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	309443	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	171841	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	281644	20.000	ng	0.00
76) Chrysene-d12	14.027	240	176530	20.000	ng	0.00
86) Perylene-d12	15.510	264	190457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	536479	99.659	ng	0.01
7) Phenol-d6	6.493	99	720500	97.916	ng	0.00
23) Nitrobenzene-d5	7.416	82	497616	68.740	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	170163	92.958	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	837071	71.131	ng	0.00
79) Terphenyl-d14	12.957	244	678709	62.939	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	110780	46.855	ng	94
3) Pyridine	3.440	79	272142	40.781	ng	95
4) n-Nitrosodimethylamine	3.410	42	170459	46.524	ng	98
6) Aniline	6.516	93	216418	24.646	ng	90
8) 2-Chlorophenol	6.640	128	265508	48.265	ng	97
9) Benzaldehyde	6.404	77	162455	43.719	ng	100
10) Phenol	6.504	94	367776	45.894	ng	99
11) bis(2-Chloroethyl)ether	6.587	93	282034	48.099	ng	99
12) 1,3-Dichlorobenzene	6.787	146	283198	45.771	ng	98
13) 1,4-Dichlorobenzene	6.863	146	285400	45.857	ng	97
14) 1,2-Dichlorobenzene	7.016	146	271070	44.719	ng	98
15) Benzyl Alcohol	6.998	79	264960	49.547	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	493496	46.770	ng	88
17) 2-Methylphenol	7.110	107	217800	46.914	ng	94
18) Hexachloroethane	7.351	117	108568	47.649	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	209986	47.608	ng	99
20) 3+4-Methylphenols	7.263	107	270734	47.280	ng	92
22) Acetophenone	7.263	105	362422	45.818	ng	97
24) Nitrobenzene	7.440	77	322941	46.777	ng	97
25) Isophorone	7.675	82	588690	51.058	ng	99
26) 2-Nitrophenol	7.751	139	135263	46.715	ng	99
27) 2,4-Dimethylphenol	7.787	122	236322	54.259	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	353863	47.246	ng	100
29) 2,4-Dichlorophenol	7.998	162	228639	46.241	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	254284	44.134	ng	96
31) Naphthalene	8.151	128	764032	46.506	ng	99
32) Benzoic acid	7.939	122	93122	38.561	ng	93
33) 4-Chloroaniline	8.210	127	49630	7.796	ng	98
34) Hexachlorobutadiene	8.257	225	163254	44.620	ng	100
35) Caprolactam	8.598	113	67332m	44.172	ng	
36) 4-Chloro-3-methylphenol	8.698	107	245638	45.788	ng	96
37) 2-Methylnaphthalene	8.845	142	497320	47.078	ng	100
38) 1-Methylnaphthalene	8.945	142	465511	44.564	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	257874	47.197	ng	99
41) Hexachlorocyclopentadiene	8.986	237	144137	77.610	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	152777	46.258	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	156677	46.084	ng	98
46) 1,1'-Biphenyl	9.310	154	606019	46.694	ng	99
47) 2-Chloronaphthalene	9.334	162	473846	46.364	ng	98
48) 2-Nitroaniline	9.439	65	177341	45.275	ng	98
49) Acenaphthylene	9.751	152	742795	48.075	ng	99
50) Dimethylphthalate	9.610	163	557817	46.661	ng	99
51) 2,6-Dinitrotoluene	9.681	165	120737	48.113	ng	98
52) Acenaphthene	9.922	154	419206	46.502	ng	99
53) 3-Nitroaniline	9.857	138	49177	17.865	ng	96
54) 2,4-Dinitrophenol	9.969	184	63524	53.402	ng	# 90
55) Dibenzofuran	10.098	168	622080	48.049	ng	99
56) 4-Nitrophenol	10.033	139	98134	70.044	ng	95
57) 2,4-Dinitrotoluene	10.092	165	143440	44.408	ng	93
58) Fluorene	10.439	166	494868	47.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	124889	41.549	ng	99
60) Diethylphthalate	10.310	149	492341	45.090	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	265868	43.030	ng	99
62) 4-Nitroaniline	10.475	138	96073	37.260	ng	98
63) Azobenzene	10.586	77	578572	44.907	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	63512	36.648	ng	91
66) n-Nitrosodiphenylamine	10.551	169	421327	49.143	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	160005	48.660	ng	# 93
68) Hexachlorobenzene	10.986	284	176023	49.041	ng	95
69) Atrazine	11.080	200	147303	51.610	ng	98
70) Pentachlorophenol	11.186	266	100640	73.243	ng	96
71) Phenanthrene	11.404	178	669035	45.564	ng	99
72) Anthracene	11.457	178	687996	47.216	ng	98
73) Carbazole	11.616	167	553291	39.706	ng	99
74) Di-n-butylphthalate	11.927	149	690877	47.898	ng	99
75) Fluoranthene	12.598	202	641186	39.702	ng	99
77) Benzidine	12.722	184	165738	39.375	ng	98
78) Pyrene	12.827	202	634565	41.885	ng	100
80) Butylbenzylphthalate	13.433	149	221253	44.372	ng	94
81) Benzo(a)anthracene	14.016	228	545116	46.175	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	81216	23.408	ng	99
83) Chrysene	14.051	228	518545	46.386	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	299847	52.021	ng	97
85) Di-n-octyl phthalate	14.598	149	535699	69.842	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	493956	38.328	ng	98
88) Benzo(b)fluoranthene	15.074	252	545963	45.464	ng	99
89) Benzo(k)fluoranthene	15.104	252	548580	44.066	ng	99
90) Benzo(a)pyrene	15.445	252	545365	55.337	ng	# 97
91) Dibenzo(a,h)anthracene	17.021	278	440775	41.426	ng	98
92) Benzo(g,h,i)perylene	17.462	276	406032	36.920	ng	99

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

