

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127602.D
 Acq On : 31 Mar 2022 14:09
 Operator : CG\JU
 Sample : N2171-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSE-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/01/2022
 Supervised By : Jagrut Upadhyay 04/01/2022

Quant Time: Apr 01 05:33:51 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 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	88416	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	319813	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	174722	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	288644	20.000	ng	0.00
76) Chrysene-d12	14.021	240	223541	20.000	ng	0.00
86) Perylene-d12	15.498	264	224127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	659707	119.100	ng	0.02
7) Phenol-d6	6.487	99	865661	114.332	ng	0.00
23) Nitrobenzene-d5	7.404	82	613101	81.946	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	205344	110.327	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	986418	82.439	ng	0.00
79) Terphenyl-d14	12.951	244	964286	70.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	110900	45.585	ng	96
3) Pyridine	3.428	79	281845	41.046	ng	92
4) n-Nitrosodimethylamine	3.399	42	175627	46.585	ng	98
6) Aniline	6.504	93	243870	26.991	ng	# 76
8) 2-Chlorophenol	6.628	128	270766	47.835	ng	98
9) Benzaldehyde	6.392	77	157858	40.838	ng	98
10) Phenol	6.498	94	372901	45.224	ng	92
11) bis(2-Chloroethyl)ether	6.575	93	292373	48.458	ng	98
12) 1,3-Dichlorobenzene	6.775	146	284234	44.645	ng	96
13) 1,4-Dichlorobenzene	6.851	146	293415	45.817	ng	98
14) 1,2-Dichlorobenzene	7.004	146	272781	43.734	ng	99
15) Benzyl Alcohol	6.987	79	259021	47.073	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.104	45	498563	45.920	ng	56
17) 2-Methylphenol	7.098	107	216823	45.389	ng	# 90
18) Hexachloroethane	7.339	117	109821	46.842	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	207005	45.611	ng	96
20) 3+4-Methylphenols	7.257	107	276706	46.962	ng	# 72
22) Acetophenone	7.245	105	360883	44.144	ng	93
24) Nitrobenzene	7.422	77	325006	45.550	ng	99
25) Isophorone	7.657	82	594275	49.871	ng	99
26) 2-Nitrophenol	7.739	139	138878	46.409	ng	96
27) 2,4-Dimethylphenol	7.775	122	237779	52.823	ng	98
28) bis(2-Chloroethoxy)met...	7.863	93	361454	46.694	ng	99
29) 2,4-Dichlorophenol	7.986	162	230131	45.034	ng	96
30) 1,2,4-Trichlorobenzene	8.057	180	253125	42.508	ng	98
31) Naphthalene	8.139	128	761161	44.829	ng	99
32) Benzoic acid	7.934	122	101552	40.355	ng	89
33) 4-Chloroaniline	8.198	127	99771	15.164	ng	97
34) Hexachlorobutadiene	8.245	225	160836	42.534	ng	98
35) Caprolactam	8.575	113	68940m	43.760	ng	
36) 4-Chloro-3-methylphenol	8.692	107	240868	43.443	ng	98
37) 2-Methylnaphthalene	8.828	142	493896	45.237	ng	99
38) 1-Methylnaphthalene	8.928	142	472911	43.805	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	252315	45.418	ng	99
41) Hexachlorocyclopentadiene	8.975	237	121849	68.672	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	152463	45.402	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127602.D
 Acq On : 31 Mar 2022 14:09
 Operator : CG\JU
 Sample : N2171-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSE-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/01/2022
 Supervised By : Jagrut Upadhyay 04/01/2022

Quant Time: Apr 01 05:33:51 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 29 07:13:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	158627	45.889	ng	98
46) 1,1'-Biphenyl	9.292	154	604208	45.787	ng	99
47) 2-Chloronaphthalene	9.322	162	469778	45.208	ng	98
48) 2-Nitroaniline	9.428	65	177020	44.448	ng	99
49) Acenaphthylene	9.739	152	737202	46.926	ng	99
50) Dimethylphthalate	9.598	163	540337	44.453	ng	99
51) 2,6-Dinitrotoluene	9.669	165	115577	45.297	ng	99
52) Acenaphthene	9.910	154	420270	45.851	ng	98
53) 3-Nitroaniline	9.845	138	67907	24.262	ng	98
54) 2,4-Dinitrophenol	9.963	184	93047	73.098	ng	95
55) Dibenzofuran	10.080	168	605298	45.828	ng	100
56) 4-Nitrophenol	10.028	139	107597	75.532	ng	93
57) 2,4-Dinitrotoluene	10.080	165	139124	42.362	ng	93
58) Fluorene	10.428	166	484599	45.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	127078	41.580	ng	97
60) Diethylphthalate	10.292	149	485431	43.724	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	260776	41.510	ng	99
62) 4-Nitroaniline	10.469	138	100900	38.487	ng	95
63) Azobenzene	10.575	77	572161	43.677	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	75741	42.645	ng	93
66) n-Nitrosodiphenylamine	10.533	169	417636	47.532	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	157002	46.589	ng	98
68) Hexachlorobenzene	10.969	284	169175	45.990	ng	92
69) Atrazine	11.063	200	148299	50.699	ng	95
70) Pentachlorophenol	11.180	266	120558	84.473	ng	99
71) Phenanthrene	11.392	178	686470	45.618	ng	99
72) Anthracene	11.445	178	706480	47.309	ng	99
73) Carbazole	11.604	167	628870	44.035	ng	99
74) Di-n-butylphthalate	11.916	149	742298	50.215	ng	100
75) Fluoranthene	12.586	202	762855	46.090	ng	98
77) Benzidine	12.710	184	254673	47.780	ng	98
78) Pyrene	12.816	202	772573	40.270	ng	99
80) Butylbenzylphthalate	13.421	149	301473	47.746	ng	95
81) Benzo(a)anthracene	14.010	228	683430	45.717	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	158438	36.061	ng	98
83) Chrysene	14.045	228	638434	45.100	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	416083	57.006	ng	98
85) Di-n-octyl phthalate	14.586	149	722641	74.401	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	670316	44.199	ng	97
88) Benzo(b)fluoranthene	15.068	252	654230	46.295	ng	99
89) Benzo(k)fluoranthene	15.098	252	650815	44.424	ng	100
90) Benzo(a)pyrene	15.439	252	646170	55.715	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	594686	47.495	ng	95
92) Benzo(g,h,i)perylene	17.462	276	605235	46.765	ng	96

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

