

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127529.D
 Acq On : 25 Mar 2022 16:48
 Operator : CG\JU
 Sample : N2076-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322MSD

Quant Time: Mar 25 17:28:06 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 03/28/2022
 Supervised By : Jagrut Upadhyay 03/28/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	96037	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	338365	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	205487	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	359808	20.000	ng	0.00
76) Chrysene-d12	14.028	240	214774	20.000	ng	0.00
86) Perylene-d12	15.510	264	197702	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	657145	109.223	ng	0.02
7) Phenol-d6	6.499	99	826947	100.551	ng	0.01
23) Nitrobenzene-d5	7.422	82	656732	82.965	ng	0.00
42) 2,4,6-Tribromophenol	10.687	330	251257	114.784	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1075201	76.406	ng	0.00
79) Terphenyl-d14	12.963	244	1102642	84.044	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	123262	46.646	ng	94
3) Pyridine	3.440	79	275122	36.888	ng	95
4) n-Nitrosodimethylamine	3.417	42	190103	46.423	ng	98
6) Aniline	6.516	93	242973	24.757	ng	# 71
8) 2-Chlorophenol	6.640	128	293860	47.795	ng	96
9) Benzaldehyde	6.405	77	216693	53.735	ng	94
10) Phenol	6.510	94	398703	44.516	ng	93
11) bis(2-Chloroethyl)ether	6.587	93	318634	48.620	ng	97
12) 1,3-Dichlorobenzene	6.787	146	310593	44.914	ng	97
13) 1,4-Dichlorobenzene	6.863	146	319745	45.967	ng	98
14) 1,2-Dichlorobenzene	7.016	146	276327	40.787	ng	98
15) Benzyl Alcohol	7.005	79	299857	50.170	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	544977	46.212	ng	80
17) 2-Methylphenol	7.110	107	237971	45.863	ng	# 92
18) Hexachloroethane	7.352	117	126773	49.782	ng	92
19) n-Nitroso-di-n-propyla...	7.269	70	237583	48.194	ng	99
20) 3+4-Methylphenols	7.269	107	300058	46.885	ng	90
22) Acetophenone	7.263	105	421979	48.787	ng	98
24) Nitrobenzene	7.440	77	369664	48.968	ng	99
25) Isophorone	7.675	82	699690	55.498	ng	99
26) 2-Nitrophenol	7.752	139	155032	48.966	ng	97
27) 2,4-Dimethylphenol	7.793	122	280649	58.928	ng	98
28) bis(2-Chloroethoxy)met...	7.887	93	401815	49.062	ng	98
29) 2,4-Dichlorophenol	8.004	162	258675	47.844	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	294206	46.698	ng	98
31) Naphthalene	8.169	128	4545542	253.032	ng	96
32) Benzoic acid	7.952	122	142631	51.592	ng	90
33) 4-Chloroaniline	8.216	127	38694	5.558	ng	95
34) Hexachlorobutadiene	8.263	225	179743	44.928	ng	97
35) Caprolactam	8.616	113	75800m	45.477	ng	
36) 4-Chloro-3-methylphenol	8.704	107	282267	48.119	ng	96
37) 2-Methylnaphthalene	8.846	142	840116	72.730	ng	98
38) 1-Methylnaphthalene	8.946	142	779185	68.217	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	287428	43.992	ng	99
41) Hexachlorocyclopentadiene	8.993	237	180907	80.126	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	177935	45.054	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127529.D
 Acq On : 25 Mar 2022 16:48
 Operator : CG\JU
 Sample : N2076-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/28/2022

Quant Time: Mar 25 17:28:06 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)
44) 2,4,5-Trichlorophenol	9.181	196	186587	45.896	ng	96
46) 1,1'-Biphenyl	9.310	154	715586	46.108	ng	99
47) 2-Chloronaphthalene	9.340	162	541971	44.346	ng	99
48) 2-Nitroaniline	9.446	65	213469	45.575	ng	99
49) Acenaphthylene	9.751	152	857527	46.413	ng	100
50) Dimethylphthalate	9.616	163	702586	49.148	ng	99
51) 2,6-Dinitrotoluene	9.687	165	144670	48.211	ng	93
52) Acenaphthene	9.922	154	534515	49.585	ng	98
53) 3-Nitroaniline	9.857	138	41368	12.567	ng	97
54) 2,4-Dinitrophenol	9.975	184	135588	88.491	ng	93
55) Dibenzofuran	10.098	168	722462	46.562	ng	100
56) 4-Nitrophenol	10.040	139	129689	77.410	ng	94
57) 2,4-Dinitrotoluene	10.093	165	173761	44.987	ng	92
58) Fluorene	10.440	166	618023	49.746	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	159406	44.349	ng	99
60) Diethylphthalate	10.310	149	601718	46.084	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	313982	42.497	ng	98
62) 4-Nitroaniline	10.481	138	124017	40.223	ng	96
63) Azobenzene	10.593	77	694437	45.074	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	100126	45.224	ng	94
66) n-Nitrosodiphenylamine	10.551	169	517987	47.293	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	196627	46.807	ng	97
68) Hexachlorobenzene	10.987	284	213654	46.594	ng	99
69) Atrazine	11.087	200	181298	49.721	ng	98
70) Pentachlorophenol	11.192	266	177969	98.794	ng	98
71) Phenanthrene	11.410	178	899295	47.941	ng	99
72) Anthracene	11.457	178	889044	47.759	ng	99
73) Carbazole	11.622	167	768923	43.193	ng	99
74) Di-n-butylphthalate	11.934	149	937307	50.866	ng	99
75) Fluoranthene	12.598	202	916832	44.437	ng	99
77) Benzidine	12.728	184	40167	7.843	ng	97
78) Pyrene	12.828	202	906687	49.190	ng	99
80) Butylbenzylphthalate	13.434	149	332141	54.750	ng	96
81) Benzo(a)anthracene	14.016	228	663928	46.225	ng	99
82) 3,3'-Dichlorobenzidine	13.975	252	106800	25.300	ng	99
83) Chrysene	14.057	228	610311	44.873	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	454773	64.850	ng #	99
85) Di-n-octyl phthalate	14.598	149	657772	70.487	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	587654	43.928	ng	100
88) Benzo(b)fluoranthene	15.075	252	586513	47.051	ng	99
89) Benzo(k)fluoranthene	15.104	252	552171	42.729	ng	99
90) Benzo(a)pyrene	15.451	252	566582	55.383	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	520585	47.134	ng	98
92) Benzo(g,h,i)perylene	17.480	276	489654	42.892	ng	99

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

