

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133383.D
 Acq On : 15 May 2023 13:28
 Operator : CG\JU
 Sample : PB152781BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: May 15 14:38:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							05/16/2023 Supervised By : Yogesh Patel
1) 1,4-Dichlorobenzene-d4	6.722	152	238149	20.000	ng	0.00	
21) Naphthalene-d8	8.010	136	987184	20.000	ng	0.00	
39) Acenaphthene-d10	9.763	164	498002	20.000	ng	0.00	
64) Phenanthrene-d10	11.245	188	878574	20.000	ng	0.00	
76) Chrysene-d12	13.886	240	526183	20.000	ng	0.00	
86) Perylene-d12	15.303	264	460028	20.000	ng	0.01	05/16/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1919284	121.743	ng	0.02	
7) Phenol-d6	6.375	99	2291001	117.080	ng	0.00	
23) Nitrobenzene-d5	7.292	82	1484832	81.187	ng	0.00	
42) 2,4,6-Tribromophenol	10.557	330	605457	120.889	ng	0.00	
45) 2-Fluorobiphenyl	9.086	172	2449676	82.295	ng	0.00	
79) Terphenyl-d14	12.833	244	2766547	90.679	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	277499	37.949	ng		96
3) Pyridine	3.169	79	724326	37.295	ng		95
4) n-Nitrosodimethylamine	3.134	42	405348	40.294	ng		91
6) Aniline	6.386	93	781867	31.023	ng	#	15
8) 2-Chlorophenol	6.510	128	772743	48.276	ng		96
9) Benzaldehyde	6.269	77	423687	51.909	ng		97
10) Phenol	6.386	94	896026	41.508	ng	#	74
11) bis(2-Chloroethyl)ether	6.457	93	735077	45.378	ng		99
12) 1,3-Dichlorobenzene	6.663	146	808957	47.535	ng		98
13) 1,4-Dichlorobenzene	6.739	146	820567	48.111	ng		98
14) 1,2-Dichlorobenzene	6.892	146	774858	49.278	ng		97
15) Benzyl Alcohol	6.875	79	627483	46.423	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1140769	40.545	ng		84
17) 2-Methylphenol	6.992	107	631833	43.108	ng		96
18) Hexachloroethane	7.233	117	283903	47.878	ng		97
19) n-Nitroso-di-n-propyla...	7.151	70	492074	40.394	ng		93
20) 3+4-Methylphenols	7.145	107	754754	43.726	ng	#	84
22) Acetophenone	7.139	105	1047047	45.787	ng		95
24) Nitrobenzene	7.310	77	791434	42.705	ng		98
25) Isophorone	7.551	82	1468550	42.291	ng		99
26) 2-Nitrophenol	7.628	139	438472	49.052	ng		94
27) 2,4-Dimethylphenol	7.675	122	689578	44.989	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	874249	42.558	ng		99
29) 2,4-Dichlorophenol	7.875	162	643864	46.143	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	665185	46.015	ng		99
31) Naphthalene	8.033	128	2114626	42.844	ng		99
32) Benzoic acid	7.822	122	412900	43.611	ng		98
33) 4-Chloroaniline	8.080	127	406106	20.365	ng		99
34) Hexachlorobutadiene	8.151	225	356818	44.535	ng		98
35) Caprolactam	8.469	113	231011m	49.282	ng		
36) 4-Chloro-3-methylphenol	8.580	107	693483	46.088	ng		96
37) 2-Methylnaphthalene	8.722	142	1401258	41.527	ng		97
38) 1-Methylnaphthalene	8.822	142	1311886	41.559	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	583898	43.607	ng		99
41) Hexachlorocyclopentadiene	8.874	237	672669	86.140	ng		100
43) 2,4,6-Trichlorophenol	9.004	196	412657	44.563	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133383.D
 Acq On : 15 May 2023 13:28
 Operator : CG\JU
 Sample : PB152781BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152781BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: May 15 14:38:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	455811	42.561	ng	97
46) 1,1'-Biphenyl	9.186	154	1720435	43.567	ng	99
47) 2-Chloronaphthalene	9.210	162	1307062	45.221	ng	99
48) 2-Nitroaniline	9.310	65	414917	43.435	ng	97
49) Acenaphthylene	9.627	152	1966861	42.588	ng	99
50) Dimethylphthalate	9.492	163	1553537	44.739	ng	99
51) 2,6-Dinitrotoluene	9.557	165	364143	46.592	ng	86
52) Acenaphthene	9.798	154	1454389m	47.020	ng	05/16/2023
53) 3-Nitroaniline	9.721	138	258689	27.837	ng	100
54) 2,4-Dinitrophenol	9.839	184	385720	98.185	ng	# 88
55) Dibenzofuran	9.969	168	1745825	41.377	ng	98
56) 4-Nitrophenol	9.904	139	570085	79.205	ng	96
57) 2,4-Dinitrotoluene	9.963	165	448244	44.972	ng	94
58) Fluorene	10.316	166	1323350	42.809	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	370346	44.606	ng	97
60) Diethylphthalate	10.192	149	1424421	43.428	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	635738	42.201	ng	98
62) 4-Nitroaniline	10.345	138	406432	47.585	ng	98
63) Azobenzene	10.463	77	1432770	41.236	ng	98
65) 4,6-Dinitro-2-methylph...	10.374	198	274620	51.570	ng	95
66) n-Nitrosodiphenylamine	10.427	169	1230469	43.176	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	412528	43.293	ng	96
68) Hexachlorobenzene	10.863	284	447444	45.826	ng	99
69) Atrazine	10.957	200	432346	52.650	ng	99
70) Pentachlorophenol	11.063	266	487155	70.056	ng	97
71) Phenanthrene	11.274	178	1997808	42.308	ng	100
72) Anthracene	11.327	178	2070353	42.842	ng	99
73) Carbazole	11.480	167	1917172	44.554	ng	99
74) Di-n-butylphthalate	11.810	149	2260524	46.422	ng	99
75) Fluoranthene	12.457	202	2030942	42.855	ng	99
77) Benzidine	12.580	184	1000834	112.478	ng	# 92
78) Pyrene	12.686	202	2091048	46.359	ng	98
80) Butylbenzylphthalate	13.309	149	909385	56.940	ng	98
81) Benzo(a)anthracene	13.874	228	1527312	42.210	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	355261	35.541	ng	97
83) Chrysene	13.915	228	1549372	42.830	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	1047928	52.275	ng	99
85) Di-n-octyl phthalate	14.480	149	1684725	51.542	ng	97
87) Indeno(1,2,3-cd)pyrene	16.698	276	1423397	54.396	ng	99
88) Benzo(b)fluoranthene	14.903	252	1330524	45.462	ng	98
89) Benzo(k)fluoranthene	14.933	252	1254390	43.238	ng	99
90) Benzo(a)pyrene	15.251	252	1128465	42.362	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	1172682	53.732	ng	99
92) Benzo(g,h,i)perylene	17.115	276	1202814	55.824	ng	99

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

