

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136395.D
 Acq On : 04 Dec 2023 22:12
 Operator : CG\JU
 Sample : 05576-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-112923MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Dec 05 00:38:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	118784	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	461279	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	200846	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	316919	20.000	ng	0.00
76) Chrysene-d12	13.986	240	231653	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	179603	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	779746	91.367	ng	0.00
7) Phenol-d6	6.445	99	953091	89.316	ng	0.00
23) Nitrobenzene-d5	7.369	82	581190	66.580	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	212398	86.499	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1135514	72.214	ng	0.00
79) Terphenyl-d14	12.927	244	1056319	52.598	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	114943	35.596	ng	96
3) Pyridine	3.398	79	274040	34.379	ng	96
4) n-Nitrosodimethylamine	3.363	42	136174	33.796	ng	86
6) Aniline	6.469	93	164328	16.293	ng	96
8) 2-Chlorophenol	6.592	128	353568	38.049	ng	93
9) Benzaldehyde	6.357	77	152933	25.714	ng	95
10) Phenol	6.463	94	416117	36.348	ng	97
11) bis(2-Chloroethyl)ether	6.545	93	329060	39.181	ng	94
12) 1,3-Dichlorobenzene	6.745	146	377561	35.803	ng	98
13) 1,4-Dichlorobenzene	6.822	146	384168	35.835	ng	97
14) 1,2-Dichlorobenzene	6.975	146	363309	35.798	ng	97
15) Benzyl Alcohol	6.951	79	291052	38.902	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	421004	36.090	ng	94
17) 2-Methylphenol	7.063	107	271923	37.222	ng	98
18) Hexachloroethane	7.310	117	115332	30.671	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	232806	36.478	ng	93
20) 3+4-Methylphenols	7.216	107	339845	35.794	ng	96
22) Acetophenone	7.210	105	497679	41.081	ng	93
24) Nitrobenzene	7.386	77	334482	37.811	ng	93
25) Isophorone	7.622	82	625877	39.763	ng	98
26) 2-Nitrophenol	7.698	139	158442	42.037	ng	99
27) 2,4-Dimethylphenol	7.739	122	261584	52.729	ng	93
28) bis(2-Chloroethoxy)met...	7.833	93	393900	41.373	ng	96
29) 2,4-Dichlorophenol	7.939	162	276696	41.351	ng	94
30) 1,2,4-Trichlorobenzene	8.022	180	315014	38.452	ng	96
31) Naphthalene	8.104	128	999762	38.560	ng	97
32) Benzoic acid	7.863	122	187597	41.492	ng	97
33) 4-Chloroaniline	8.163	127	75012	8.511	ng	96
34) Hexachlorobutadiene	8.222	225	183834	38.356	ng	99
35) Caprolactam	8.522	113	85516m	45.716	ng	
36) 4-Chloro-3-methylphenol	8.639	107	271142	37.362	ng	96
37) 2-Methylnaphthalene	8.798	142	613357	37.712	ng	96
38) 1-Methylnaphthalene	8.898	142	583448	36.774	ng	93
40) 1,2,4,5-Tetrachloroben...	8.963	216	298148	46.644	ng	98
41) Hexachlorocyclopentadiene	8.945	237	48588	19.755	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	176598	42.566	ng	91

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136395.D
 Acq On : 04 Dec 2023 22:12
 Operator : CG\JU
 Sample : 05576-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-112923MS

Quant Time: Dec 05 00:38:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:30:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.116	196	180084	39.775	ng	95	12/05/2023
46) 1,1'-Biphenyl	9.263	154	781872	44.145	ng	98	Supervised By :mohammad
47) 2-Chloronaphthalene	9.286	162	555740	40.404	ng	95	ahmed
48) 2-Nitroaniline	9.386	65	154548	43.037	ng	# 78	
49) Acenaphthylene	9.704	152	833458	42.461	ng	98	
50) Dimethylphthalate	9.563	163	673339	44.356	ng	97	
51) 2,6-Dinitrotoluene	9.627	165	125862	40.585	ng	93	12/05/2023
52) Acenaphthene	9.875	154	495268	39.927	ng	95	
53) 3-Nitroaniline	9.792	138	98099	31.880	ng	98	
54) 2,4-Dinitrophenol	9.904	184	19329	13.401	ng	# 89	
55) Dibenzofuran	10.045	168	732710	39.696	ng	98	
56) 4-Nitrophenol	9.963	139	181696	77.744	ng	89	
57) 2,4-Dinitrotoluene	10.033	165	150072	36.227	ng	98	
58) Fluorene	10.392	166	553209	38.210	ng	95	
59) 2,3,4,6-Tetrachlorophenol	10.163	232	135170	37.522	ng	99	
60) Diethylphthalate	10.269	149	620860	40.886	ng	96	
61) 4-Chlorophenyl-phenyle...	10.386	204	275500	39.183	ng	95	
62) 4-Nitroaniline	10.410	138	112117	37.223	ng	93	
63) Azobenzene	10.545	77	503989	35.800	ng	94	
65) 4,6-Dinitro-2-methylph...	10.439	198	14379	8.297	ng	86	
66) n-Nitrosodiphenylamine	10.504	169	470790	46.355	ng	97	
67) 4-Bromophenyl-phenylether	10.874	248	159391	43.109	ng	96	
68) Hexachlorobenzene	10.939	284	170127	39.757	ng	96	
69) Atrazine	11.033	200	148763	49.378	ng	95	
70) Pentachlorophenol	11.133	266	183168	75.725	ng	96	
71) Phenanthrene	11.357	178	899908	50.522	ng	98	
72) Anthracene	11.410	178	773913	43.326	ng	98	
73) Carbazole	11.563	167	654512	43.082	ng	99	
74) Di-n-butylphthalate	11.904	149	877526	46.164	ng	98	
75) Fluoranthene	12.551	202	1017696	56.281	ng	95	
77) Benzidine	12.674	184	162249	42.608	ng	98	
78) Pyrene	12.780	202	998459	39.356	ng	97	
80) Butylbenzylphthalate	13.410	149	336825	42.659	ng	95	
81) Benzo(a)anthracene	13.980	228	784191	45.575	ng	98	
82) 3,3'-Dichlorobenzidine	13.939	252	156517	37.789	ng	95	
83) Chrysene	14.015	228	759870	45.738	ng	98	
84) Bis(2-ethylhexyl)phtha...	13.974	149	483947	51.071	ng	# 98	
85) Di-n-octyl phthalate	14.592	149	860158	55.042	ng	99	
87) Indeno(1,2,3-cd)pyrene	16.986	276	483806	36.705	ng	99	
88) Benzo(b)fluoranthene	15.039	252	634540	50.358	ng	97	
89) Benzo(k)fluoranthene	15.068	252	512598	42.832	ng	97	
90) Benzo(a)pyrene	15.409	252	477550	46.361	ng	97	
91) Dibenzo(a,h)anthracene	17.003	278	371606	35.252	ng	98	
92) Benzo(g,h,i)perylene	17.445	276	383149	35.934	ng	99	

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

