

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128994.D
 Acq On : 24 Jun 2022 17:28
 Operator : CG\JU
 Sample : N3431-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 25 06:14:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	111185	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	434559	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	216837	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	356172	20.000	ng	0.00
76) Chrysene-d12	13.898	240	235710	20.000	ng	0.00
86) Perylene-d12	15.339	264	204388	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	891181	127.670	ng	0.02
7) Phenol-d6	6.392	99	1032695	121.198	ng	0.00
23) Nitrobenzene-d5	7.298	82	845499	90.587	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	306911	119.792	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1509708	97.529	ng	0.00
79) Terphenyl-d14	12.839	244	1257012	92.666	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	108689	41.942	ng	# 81
3) Pyridine	3.328	79	215150	31.254	ng	90
4) n-Nitrosodimethylamine	3.228	42	210215	44.035	ng	# 82
6) Aniline	6.392	93	149128	16.228	ng	# 1
8) 2-Chlorophenol	6.522	128	370308	51.845	ng	97
9) Benzaldehyde	6.275	77	144145	27.768	ng	92
10) Phenol	6.404	94	396018	43.968	ng	87
11) bis(2-Chloroethyl)ether	6.463	93	363998	55.151	ng	99
12) 1,3-Dichlorobenzene	6.663	146	354940	42.985	ng	97
13) 1,4-Dichlorobenzene	6.739	146	368352	44.170	ng	99
14) 1,2-Dichlorobenzene	6.892	146	333649	42.770	ng	98
15) Benzyl Alcohol	6.886	79	346641	48.623	ng	96
16) 2,2'-oxybis(1-Chloropr...	6.998	45	568593	52.288	ng	# 46
17) 2-Methylphenol	7.163	107	377234	66.825	ng	# 81
18) Hexachloroethane	7.228	117	133670	43.083	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	280665	52.978	ng	99
20) 3+4-Methylphenols	7.163	107	377234	50.054	ng	# 80
22) Acetophenone	7.145	105	531651	46.777	ng	97
24) Nitrobenzene	7.316	77	424897	49.586	ng	98
25) Isophorone	7.557	82	782177	55.177	ng	97
26) 2-Nitrophenol	7.633	139	196669	52.092	ng	95
27) 2,4-Dimethylphenol	7.681	122	335867	58.401	ng	94
28) bis(2-Chloroethoxy)met...	7.763	93	458257	51.138	ng	98
29) 2,4-Dichlorophenol	7.886	162	325094	48.841	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	319758	42.664	ng	98
31) Naphthalene	8.033	128	1043249	46.779	ng	99
32) Benzoic acid	7.857	122	170643	41.822	ng	93
33) 4-Chloroaniline	8.086	127	95565	11.365	ng	94
34) Hexachlorobutadiene	8.145	225	214544	40.364	ng	100
35) Caprolactam	8.486	113	81399m	44.224	ng	
36) 4-Chloro-3-methylphenol	8.598	107	338274	46.567	ng	97
37) 2-Methylnaphthalene	8.722	142	677720	47.777	ng	99
38) 1-Methylnaphthalene	8.822	142	637073	46.484	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	349657	51.922	ng	99
41) Hexachlorocyclopentadiene	8.869	237	70473	17.409	ng	98
43) 2,4,6-Trichlorophenol	9.016	196	223847	49.153	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128994.D
 Acq On : 24 Jun 2022 17:28
 Operator : CG\JU
 Sample : N3431-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-2MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/27/2022
 Supervised By : Jagrut Upadhyay 06/27/2022

Quant Time: Jun 25 06:14:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	218156	46.354	ng	95
46) 1,1'-Biphenyl	9.192	154	863909	53.099	ng	97
47) 2-Chloronaphthalene	9.216	162	647641	52.167	ng	99
48) 2-Nitroaniline	9.322	65	237375	55.915	ng	95
49) Acenaphthylene	9.627	152	972629	51.175	ng	99
50) Dimethylphthalate	9.498	163	837747	56.444	ng	100
51) 2,6-Dinitrotoluene	9.569	165	174279	59.493	ng	99
52) Acenaphthene	9.804	154	595271	48.095	ng	99
53) 3-Nitroaniline	9.733	138	83546	26.278	ng	97
54) 2,4-Dinitrophenol	9.857	184	139208	85.318	ng	91
55) Dibenzofuran	9.975	168	860969	48.403	ng	94
56) 4-Nitrophenol	9.933	139	140390	60.917	ng	# 74
57) 2,4-Dinitrotoluene	9.975	165	205825	52.649	ng	# 74
58) Fluorene	10.316	166	690385	50.047	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.104	232	170037	43.742	ng	99
60) Diethylphthalate	10.198	149	778055	52.158	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	352794	49.308	ng	98
62) 4-Nitroaniline	10.357	138	139182	43.237	ng	91
63) Azobenzene	10.469	77	739026	50.324	ng	98
65) 4,6-Dinitro-2-methylph...	10.386	198	95799	45.577	ng	99
66) n-Nitrosodiphenylamine	10.433	169	646276	59.034	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	223453	56.257	ng	97
68) Hexachlorobenzene	10.863	284	233089	52.841	ng	98
69) Atrazine	10.963	200	195062	55.408	ng	98
70) Pentachlorophenol	11.074	266	153035	69.500	ng	99
71) Phenanthrene	11.280	178	897598	50.244	ng	98
72) Anthracene	11.333	178	895053	50.618	ng	99
73) Carbazole	11.492	167	765011	46.581	ng	99
74) Di-n-butylphthalate	11.816	149	1077217	53.871	ng	100
75) Fluoranthene	12.468	202	853098	45.684	ng	97
77) Benzidine	12.592	184	116171	24.724	ng	98
78) Pyrene	12.698	202	843756	48.114	ng	98
80) Butylbenzylphthalate	13.315	149	367884	49.954	ng	99
81) Benzo(a)anthracene	13.892	228	772763	52.595	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	206505	65.696	ng	98
83) Chrysene	13.927	228	721001	51.472	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	502077	52.440	ng	99
85) Di-n-octyl phthalate	14.486	149	827038	57.354	ng	100
87) Indeno(1,2,3-cd)pyrene	16.762	276	555790	45.116	ng	# 94
88) Benzo(b)fluoranthene	14.927	252	700607	53.645	ng	# 98
89) Benzo(k)fluoranthene	14.957	252	691414	56.278	ng	# 97
90) Benzo(a)pyrene	15.280	252	577348	56.245	ng	# 97
91) Dibenzo(a,h)anthracene	16.762	278	491519	48.102	ng	# 97
92) Benzo(g,h,i)perylene	17.180	276	453842	44.814	ng	# 95

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

