

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128575.D
 Acq On : 29 May 2022 17:02
 Operator : CG\JU
 Sample : N2951-20MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P036-SS001-0612-01MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2022
 Supervised By : Jagrut Upadhyay 05/31/2022

Quant Time: May 30 00:51:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	125250	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	425136	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	201749	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	338282	20.000	ng	0.00
76) Chrysene-d12	14.009	240	294411	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	272513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	790401	104.529	ng	0.00
7) Phenol-d6	6.469	99	957281	99.290	ng	0.00
23) Nitrobenzene-d5	7.404	82	650922	88.326	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	215731	112.342	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1008545	81.216	ng	0.00
79) Terphenyl-d14	12.951	244	969112	63.594	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	127858	37.921	ng	94
3) Pyridine	3.398	79	329662	37.765	ng	93
4) n-Nitrosodimethylamine	3.357	42	224937	49.173	ng	# 84
6) Aniline	6.534	93	395043	35.113	ng	99
8) 2-Chlorophenol	6.622	128	353910	45.138	ng	97
9) Benzaldehyde	6.386	77	236064	66.440	ng	94
10) Phenol	6.486	94	406992m	42.600	ng	
11) bis(2-Chloroethyl)ether	6.575	93	358302	45.814	ng	98
12) 1,3-Dichlorobenzene	6.781	146	410715	46.105	ng	99
13) 1,4-Dichlorobenzene	6.857	146	409608	45.460	ng	98
14) 1,2-Dichlorobenzene	7.010	146	383877	46.289	ng	99
15) Benzyl Alcohol	6.981	79	322641	43.877	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	581352	42.002	ng	98
17) 2-Methylphenol	7.092	107	271488	40.683	ng	97
18) Hexachloroethane	7.351	117	146494	46.091	ng	93
19) n-Nitroso-di-n-propyla...	7.257	70	250956	42.453	ng	98
20) 3+4-Methylphenols	7.245	107	327052	40.568	ng	# 82
22) Acetophenone	7.251	105	481482	49.117	ng	94
24) Nitrobenzene	7.422	77	379533	52.093	ng	96
25) Isophorone	7.663	82	674115	49.586	ng	98
26) 2-Nitrophenol	7.739	139	173362	56.932	ng	96
27) 2,4-Dimethylphenol	7.775	122	310718m	51.336	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	397912	45.099	ng	99
29) 2,4-Dichlorophenol	7.980	162	273960	43.737	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	314784	46.395	ng	99
31) Naphthalene	8.145	128	956304	45.959	ng	99
32) Benzoic acid	7.886	122	191537	44.767	ng	99
33) 4-Chloroaniline	8.192	127	172554	20.827	ng	98
34) Hexachlorobutadiene	8.263	225	216083	50.440	ng	98
35) Caprolactam	8.557	113	77065	39.899	ng	98
36) 4-Chloro-3-methylphenol	8.675	107	275365	42.793	ng	99
37) 2-Methylnaphthalene	8.833	142	585108	44.549	ng	100
38) 1-Methylnaphthalene	8.933	142	556609	43.574	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	295955	53.421	ng	99
41) Hexachlorocyclopentadiene	8.986	237	252683	81.138	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	190289	46.577	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	193543	45.978	ng	# 94
46) 1,1'-Biphenyl	9.298	154	712633	50.305	ng	99
47) 2-Chloronaphthalene	9.327	162	541685	48.710	ng	97
48) 2-Nitroaniline	9.422	65	176633	57.119	ng	99
49) Acenaphthylene	9.739	152	836831	48.984	ng	100
50) Dimethylphthalate	9.604	163	639322	48.853	ng	99
51) 2,6-Dinitrotoluene	9.663	165	132336	55.176	ng	91
52) Acenaphthene	9.916	154	524479	49.759	ng	99
53) 3-Nitroaniline	9.827	138	97000	35.020	ng	97
54) 2,4-Dinitrophenol	9.933	184	79980	66.960	ng	90
55) Dibenzofuran	10.086	168	708047	45.275	ng	96
56) 4-Nitrophenol	9.986	139	208308	92.679	ng	# 76
57) 2,4-Dinitrotoluene	10.063	165	168236	58.631	ng	98
58) Fluorene	10.427	166	530969	47.162	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	151250	44.338	ng	99
60) Diethylphthalate	10.304	149	605112	47.600	ng	100
61) 4-Chlorophenyl-phenyle...	10.421	204	268906	47.076	ng	94
62) 4-Nitroaniline	10.445	138	110671	41.732	ng	95
63) Azobenzene	10.580	77	566858	43.800	ng	98
65) 4,6-Dinitro-2-methylph...	10.469	198	53955	36.060	ng	94
66) n-Nitrosodiphenylamine	10.539	169	484377	47.826	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	167124	47.817	ng	95
68) Hexachlorobenzene	10.974	284	189165	49.011	ng	# 92
69) Atrazine	11.069	200	156656	49.839	ng	98
70) Pentachlorophenol	11.169	266	219001	93.113	ng	99
71) Phenanthrene	11.392	178	756631	47.216	ng	99
72) Anthracene	11.439	178	767689	47.960	ng	99
73) Carbazole	11.598	167	688263	44.866	ng	99
74) Di-n-butylphthalate	11.927	149	883041	48.908	ng	100
75) Fluoranthene	12.580	202	844580	49.297	ng	97
77) Benzidine	12.704	184	358813	52.838	ng	99
78) Pyrene	12.810	202	867638	39.119	ng	98
80) Butylbenzylphthalate	13.433	149	397978	42.541	ng	94
81) Benzo(a)anthracene	13.998	228	807694	46.157	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	280800	62.667	ng	99
83) Chrysene	14.033	228	807330	45.049	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	589594	52.107	ng	100
85) Di-n-octyl phthalate	14.609	149	963638	48.381	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	659632	41.040	ng	95
88) Benzo(b)fluoranthene	15.045	252	833282	49.154	ng	98
89) Benzo(k)fluoranthene	15.080	252	731105m	46.548	ng	
90) Benzo(a)pyrene	15.409	252	721576	53.053	ng	97
91) Dibenzo(a,h)anthracene	16.950	278	585085	43.903	ng	96
92) Benzo(g,h,i)perylene	17.374	276	548343	41.483	ng	95

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

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