

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128906.D
 Acq On : 21 Jun 2022 19:29
 Operator : CG\JU
 Sample : N3384-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3MS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/22/2022
 Supervised By : Jagrut Upadhyay 06/22/2022

Quant Time: Jun 22 01:53:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	119452	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	438286	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	214590	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	311352	20.000	ng	0.00
76) Chrysene-d12	13.927	240	230054	20.000	ng	# 0.00
86) Perylene-d12	15.368	264	165535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	697498	93.008	ng	0.01
7) Phenol-d6	6.422	99	880925	96.231	ng	0.00
23) Nitrobenzene-d5	7.328	82	627850	66.696	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	191263	75.434	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1112517	72.623	ng	0.00
79) Terphenyl-d14	12.863	244	888544	67.113	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	120323	43.218	ng	# 94
3) Pyridine	3.251	79	338359	45.750	ng	91
4) n-Nitrosodimethylamine	3.222	42	248315	48.416	ng	# 77
6) Aniline	6.422	93	273840m	27.737	ng	
8) 2-Chlorophenol	6.551	128	411252	53.593	ng	98
9) Benzaldehyde	6.310	77	291012	52.181	ng	94
10) Phenol	6.434	94	495213	51.176	ng	83
11) bis(2-Chloroethyl)ether	6.498	93	391152	55.164	ng	99
12) 1,3-Dichlorobenzene	6.698	146	459218	51.765	ng	99
13) 1,4-Dichlorobenzene	6.775	146	456901	50.996	ng	98
14) 1,2-Dichlorobenzene	6.928	146	430674	51.387	ng	99
15) Benzyl Alcohol	6.916	79	385025	50.269	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.033	45	611931	52.379	ng	# 1
17) 2-Methylphenol	7.192	107	430939	71.055	ng	# 83
18) Hexachloroethane	7.263	117	175107	52.532	ng	93
19) n-Nitroso-di-n-propyla...	7.181	70	309645	54.403	ng	98
20) 3+4-Methylphenols	7.192	107	430939	53.223	ng	# 81
22) Acetophenone	7.175	105	608565	53.089	ng	96
24) Nitrobenzene	7.351	77	473013	54.732	ng	99
25) Isophorone	7.586	82	818583	57.255	ng	96
26) 2-Nitrophenol	7.663	139	210797	55.359	ng	# 85
27) 2,4-Dimethylphenol	7.710	122	357924	61.707	ng	93
28) bis(2-Chloroethoxy)met...	7.798	93	479857	53.093	ng	99
29) 2,4-Dichlorophenol	7.916	162	342388	51.001	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	362924	48.012	ng	97
31) Naphthalene	8.063	128	1169795	52.007	ng	99
32) Benzoic acid	7.880	122	150841	36.654	ng	86
33) 4-Chloroaniline	8.133	127	161467	19.040	ng	95
34) Hexachlorobutadiene	8.175	225	261782	48.832	ng	97
35) Caprolactam	8.510	113	98266m	52.933	ng	
36) 4-Chloro-3-methylphenol	8.627	107	359712	49.097	ng	98
37) 2-Methylnaphthalene	8.757	142	726385	50.772	ng	100
38) 1-Methylnaphthalene	8.857	142	688261	49.792	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	373381	56.025	ng	99
41) Hexachlorocyclopentadiene	8.904	237	102036	25.470	ng	97
43) 2,4,6-Trichlorophenol	9.045	196	222275	49.319	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	229809	49.341	ng	97
46) 1,1'-Biphenyl	9.222	154	889208	55.227	ng	98
47) 2-Chloronaphthalene	9.245	162	674793	54.923	ng	98
48) 2-Nitroaniline	9.351	65	238150	56.685	ng	95
49) Acenaphthylene	9.663	152	979815	52.093	ng	99
50) Dimethylphthalate	9.527	163	835108	56.856	ng	99
51) 2,6-Dinitrotoluene	9.592	165	167038	57.619	ng	# 79
52) Acenaphthene	9.833	154	594374	48.526	ng	99
53) 3-Nitroaniline	9.763	138	103033	32.747	ng	95
54) 2,4-Dinitrophenol	9.880	184	104884	64.955	ng	89
55) Dibenzofuran	10.004	168	853435	48.481	ng	95
56) 4-Nitrophenol	9.957	139	153484	67.296	ng	# 72
57) 2,4-Dinitrotoluene	9.998	165	200794	51.900	ng	# 72
58) Fluorene	10.345	166	681083	49.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	160978	41.845	ng	99
60) Diethylphthalate	10.222	149	768464	52.055	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	346495	48.935	ng	97
62) 4-Nitroaniline	10.380	138	123577	38.791	ng	87
63) Azobenzene	10.498	77	687393	47.298	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	80307	43.706	ng	95
66) n-Nitrosodiphenylamine	10.457	169	601822	62.887	ng	100
67) 4-Bromophenyl-phenylether	10.827	248	205655	59.230	ng	96
68) Hexachlorobenzene	10.892	284	217747	56.469	ng	95
69) Atrazine	10.992	200	186877	60.724	ng	99
70) Pentachlorophenol	11.098	266	128624	66.823	ng	99
71) Phenanthrene	11.310	178	1083260	69.365	ng	99
72) Anthracene	11.363	178	908525	58.776	ng	98
73) Carbazole	11.521	167	733038	51.059	ng	99
74) Di-n-butylphthalate	11.845	149	966869	55.313	ng	99
75) Fluoranthene	12.498	202	1109656	67.976	ng	97
77) Benzidine	12.621	184	306300	66.790	ng	98
78) Pyrene	12.727	202	1166646	68.161	ng	98
80) Butylbenzylphthalate	13.345	149	375987	52.309	ng	95
81) Benzo(a)anthracene	13.915	228	926821	64.632	ng	100
82) 3,3'-Dichlorobenzidine	13.880	252	114272	37.247	ng	97
83) Chrysene	13.957	228	852109	62.328	ng	100
84) Bis(2-ethylhexyl)phtha...	13.904	149	529047	56.616	ng	99
85) Di-n-octyl phthalate	14.515	149	829937	58.970	ng	99
87) Indeno(1,2,3-cd)pyrene	16.798	276	511894	51.306	ng	# 92
88) Benzo(b)fluoranthene	14.957	252	720256	68.093	ng	# 98
89) Benzo(k)fluoranthene	14.986	252	613537	61.661	ng	# 97
90) Benzo(a)pyrene	15.309	252	578209m	69.550	ng	
91) Dibenzo(a,h)anthracene	16.809	278	429176	51.859	ng	# 95
92) Benzo(g,h,i)perylene	17.227	276	435448	53.090	ng	# 92

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

