

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053023\
 Data File : BF133532.D
 Acq On : 30 May 2023 20:27
 Operator : CG\JU
 Sample : 02955-05MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC25MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Yogesh Patel 06/01/2023

Quant Time: May 31 05:22:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	142371	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	540728	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	260150	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	492920	20.000	ng	0.00
76) Chrysene-d12	14.004	240	262530	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	295023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	774073	90.715	ng	0.01
7) Phenol-d6	6.463	99	966361	91.997	ng	0.00
23) Nitrobenzene-d5	7.398	82	589826	72.831	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	261669	100.905	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1052469	62.442	ng	0.00
79) Terphenyl-d14	12.945	244	1042341	70.593	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	159624	41.420	ng	97
3) Pyridine	3.363	79	423819	39.222	ng	98
4) n-Nitrosodimethylamine	3.322	42	267179	45.339	ng	96
6) Aniline	6.493	93	571966	40.103	ng	100
8) 2-Chlorophenol	6.616	128	422665	50.270	ng	96
9) Benzaldehyde	6.381	77	258075	51.777	ng	99
10) Phenol	6.475	94	504505m	47.877	ng	
11) bis(2-Chloroethyl)ether	6.569	93	400571	45.977	ng	97
12) 1,3-Dichlorobenzene	6.775	146	444699	47.641	ng	99
13) 1,4-Dichlorobenzene	6.851	146	442113	47.243	ng	99
14) 1,2-Dichlorobenzene	7.004	146	425657	49.289	ng	98
15) Benzyl Alcohol	6.975	79	379579	47.597	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	753671	45.610	ng	100
17) 2-Methylphenol	7.087	107	351198	44.108	ng	99
18) Hexachloroethane	7.345	117	160680	49.654	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	287472	42.298	ng	98
20) 3+4-Methylphenols	7.240	107	411265	45.687	ng	94
22) Acetophenone	7.245	105	543272	43.628	ng	# 99
24) Nitrobenzene	7.416	77	451593	52.334	ng	99
25) Isophorone	7.657	82	825770	43.751	ng	99
26) 2-Nitrophenol	7.734	139	208791	52.329	ng	99
27) 2,4-Dimethylphenol	7.769	122	376349	46.864	ng	99
28) bis(2-Chloroethoxy)met...	7.869	93	473616	43.274	ng	99
29) 2,4-Dichlorophenol	7.975	162	338335	46.827	ng	95
30) 1,2,4-Trichlorobenzene	8.057	180	351473	44.974	ng	98
31) Naphthalene	8.139	128	1151298	43.917	ng	99
32) Benzoic acid	7.887	122	276307	51.585	ng	99
33) 4-Chloroaniline	8.187	127	251360	22.371	ng	95
34) Hexachlorobutadiene	8.257	225	208497	43.859	ng	99
35) Caprolactam	8.569	113	126917m	53.562	ng	
36) 4-Chloro-3-methylphenol	8.663	107	376478	46.516	ng	97
37) 2-Methylnaphthalene	8.828	142	759216	42.417	ng	99
38) 1-Methylnaphthalene	8.928	142	708518	42.465	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	336314	43.618	ng	99
41) Hexachlorocyclopentadiene	8.981	237	346541	87.703	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	241147	48.876	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	258099	45.069	ng	94
46) 1,1'-Biphenyl	9.292	154	944385	44.681	ng	99
47) 2-Chloronaphthalene	9.316	162	698597	45.606	ng	98
48) 2-Nitroaniline	9.416	65	247058	50.049	ng	96
49) Acenaphthylene	9.733	152	1156034	44.224	ng	99
50) Dimethylphthalate	9.598	163	823678	45.048	ng	100
51) 2,6-Dinitrotoluene	9.657	165	180370	51.586	ng	97
52) Acenaphthene	9.910	154	764521	48.281	ng	100
53) 3-Nitroaniline	9.828	138	169032	39.395	ng	# 87
54) 2,4-Dinitrophenol	9.928	184	147269	82.436	ng	90
55) Dibenzofuran	10.081	168	1034554	43.914	ng	99
56) 4-Nitrophenol	9.986	139	331453	105.955	ng	95
57) 2,4-Dinitrotoluene	10.063	165	233525	53.517	ng	# 83
58) Fluorene	10.422	166	748193	43.348	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	216685	50.241	ng	100
60) Diethylphthalate	10.298	149	837693	44.134	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	348085	42.000	ng	99
62) 4-Nitroaniline	10.445	138	208274	47.460	ng	98
63) Azobenzene	10.575	77	864280	45.489	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	98192	48.584	ng	96
66) n-Nitrosodiphenylamine	10.533	169	708953	44.302	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	229271	43.797	ng	99
68) Hexachlorobenzene	10.969	284	255873	46.742	ng	96
69) Atrazine	11.063	200	232010	52.840	ng	99
70) Pentachlorophenol	11.163	266	275650	84.213	ng	98
71) Phenanthrene	11.386	178	1109425	44.437	ng	100
72) Anthracene	11.439	178	1132533	44.076	ng	100
73) Carbazole	11.592	167	1063795	43.778	ng	99
74) Di-n-butylphthalate	11.927	149	1282843	44.646	ng	100
75) Fluoranthene	12.574	202	1105238	40.078	ng	99
77) Benzidine	12.698	184	584791	76.161	ng	99
78) Pyrene	12.804	202	1108963	49.640	ng	99
80) Butylbenzylphthalate	13.427	149	471019	53.288	ng	96
81) Benzo(a)anthracene	13.992	228	796679	45.553	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	242290	44.317	ng	# 97
83) Chrysene	14.027	228	793762	44.959	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	552300	49.988	ng	98
85) Di-n-octyl phthalate	14.604	149	942536	51.210	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	883185	46.997	ng	99
88) Benzo(b)fluoranthene	15.033	252	817010	42.528	ng	99
89) Benzo(k)fluoranthene	15.063	252	808450	43.158	ng	99
90) Benzo(a)pyrene	15.398	252	739415	42.298	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	730436	47.940	ng	99
92) Benzo(g,h,i)perylene	17.351	276	699198	45.511	ng	98

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

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