

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133389.D
 Acq On : 15 May 2023 18:20
 Operator : CG\JU
 Sample : 02774-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS

Quant Time: May 16 03:13:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/16/2023
 Supervised By : Yogesh Patel 05/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	189055	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	763071	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	372146	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	615711	20.000	ng	0.00
76) Chrysene-d12	13.880	240	341359	20.000	ng	0.00
86) Perylene-d12	15.298	264	463011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1262540	100.881	ng	0.00
7) Phenol-d6	6.369	99	1524590	98.146	ng	0.00
23) Nitrobenzene-d5	7.286	82	947833	67.046	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	387094	103.428	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1650541	74.201	ng	0.00
79) Terphenyl-d14	12.821	244	1541658	77.890	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.375	88	192044	33.083	ng	96
3) Pyridine	3.075	79	525931	34.111	ng	94
4) n-Nitrosodimethylamine	3.034	42	305462	38.250	ng	93
6) Aniline	6.381	93	768233	38.398	ng	# 31
8) 2-Chlorophenol	6.504	128	623166	49.041	ng	97
9) Benzaldehyde	6.263	77	344320	54.108	ng	98
10) Phenol	6.381	94	724105	42.255	ng	# 69
11) bis(2-Chloroethyl)ether	6.457	93	578776	45.007	ng	97
12) 1,3-Dichlorobenzene	6.663	146	626263	46.356	ng	96
13) 1,4-Dichlorobenzene	6.739	146	633017	46.752	ng	96
14) 1,2-Dichlorobenzene	6.886	146	610328	48.894	ng	96
15) Benzyl Alcohol	6.869	79	505034	47.066	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	916015	41.012	ng	94
17) 2-Methylphenol	6.986	107	508376	43.692	ng	98
18) Hexachloroethane	7.228	117	219287	46.584	ng	92
19) n-Nitroso-di-n-propyla...	7.139	70	388044	40.126	ng	95
20) 3+4-Methylphenols	7.145	107	613739	44.790	ng	# 64
22) Acetophenone	7.133	105	813889	46.044	ng	95
24) Nitrobenzene	7.304	77	617549	43.109	ng	97
25) Isophorone	7.545	82	1144973	42.657	ng	99
26) 2-Nitrophenol	7.622	139	346653	50.170	ng	95
27) 2,4-Dimethylphenol	7.669	122	533416	45.022	ng	99
28) bis(2-Chloroethoxy)met...	7.757	93	701685	44.190	ng	99
29) 2,4-Dichlorophenol	7.869	162	506005	46.914	ng	100
30) 1,2,4-Trichlorobenzene	7.945	180	517019	46.270	ng	99
31) Naphthalene	8.028	128	1696139	44.458	ng	100
32) Benzoic acid	7.798	122	245766	33.582	ng	98
33) 4-Chloroaniline	8.081	127	582163	37.767	ng	99
34) Hexachlorobutadiene	8.145	225	280858	45.350	ng	99
35) Caprolactam	8.451	113	169767m	46.854	ng	
36) 4-Chloro-3-methylphenol	8.569	107	526239	45.244	ng	96
37) 2-Methylnaphthalene	8.716	142	1117711	42.852	ng	98
38) 1-Methylnaphthalene	8.816	142	1048407	42.967	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	468742	46.846	ng	99
41) Hexachlorocyclopentadiene	8.875	237	446681	76.545	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	326699	47.212	ng	98

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44) 2,4,5-Trichlorophenol	9.045	196	351982	43.981	ng	96
46) 1,1'-Biphenyl	9.180	154	1401132	47.481	ng	99
47) 2-Chloronaphthalene	9.204	162	1062055	49.171	ng	99
48) 2-Nitroaniline	9.304	65	323099	45.262	ng	97
49) Acenaphthylene	9.622	152	1592617	46.147	ng	99
50) Dimethylphthalate	9.486	163	1189932	45.856	ng	99
51) 2,6-Dinitrotoluene	9.545	165	278564	47.696	ng	97
52) Acenaphthene	9.792	154	1111656m	48.094	ng	
53) 3-Nitroaniline	9.716	138	259147	37.317	ng	97
54) 2,4-Dinitrophenol	9.827	184	215323	73.346	ng	97
55) Dibenzofuran	9.963	168	1410529	44.736	ng	98
56) 4-Nitrophenol	9.892	139	407896	75.837	ng	94
57) 2,4-Dinitrotoluene	9.951	165	343618	46.134	ng	96
58) Fluorene	10.304	166	1057986	45.800	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	275081	44.337	ng	99
60) Diethylphthalate	10.186	149	1093928	44.631	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	512937	45.565	ng	98
62) 4-Nitroaniline	10.333	138	293013	45.908	ng	93
63) Azobenzene	10.457	77	1147760	44.204	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	179348	48.057	ng	88
66) n-Nitrosodiphenylamine	10.422	169	951741	47.654	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	316991	47.470	ng	96
68) Hexachlorobenzene	10.857	284	338256	49.434	ng	99
69) Atrazine	10.951	200	305058	53.009	ng	98
70) Pentachlorophenol	11.051	266	321782	66.030	ng	98
71) Phenanthrene	11.263	178	1513259	45.728	ng	100
72) Anthracene	11.316	178	1558688	46.024	ng	100
73) Carbazole	11.474	167	1344190	44.575	ng	98
74) Di-n-butylphthalate	11.804	149	1571726	46.056	ng	100
75) Fluoranthene	12.451	202	1385106	41.705	ng	99
77) Benzidine	12.574	184	678415	117.524	ng	# 93
78) Pyrene	12.680	202	1392319	47.581	ng	100
80) Butylbenzylphthalate	13.298	149	543041	52.412	ng	95
81) Benzo(a)anthracene	13.868	228	1063299	45.297	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	347775	53.629	ng	99
83) Chrysene	13.904	228	1066232	45.433	ng	99
84) Bis(2-ethylhexyl)phtha...	13.862	149	652193	50.149	ng	99
85) Di-n-octyl phthalate	14.474	149	1264742	59.643	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1587459	60.275	ng	99
88) Benzo(b)fluoranthene	14.898	252	1289152	43.765	ng	99
89) Benzo(k)fluoranthene	14.921	252	1154060	39.523	ng	98
90) Benzo(a)pyrene	15.239	252	1146736	42.771	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	1315546	59.889	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1358412	62.639	ng	97

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

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