

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133318.D
 Acq On : 09 May 2023 15:35
 Operator : CG\JU
 Sample : 02665-08MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-612-COMP-02MSD

Quant Time: May 10 01:47:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	176906	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	736851	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	382676	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	689320	20.000	ng	0.00
76) Chrysene-d12	13.874	240	332290	20.000	ng	0.00
86) Perylene-d12	15.292	264	392449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1111181	94.884	ng	0.01
7) Phenol-d6	6.369	99	1362267	93.719	ng	0.00
23) Nitrobenzene-d5	7.287	82	827023	60.582	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	335656	87.216	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1479135	64.665	ng	0.00
79) Terphenyl-d14	12.827	244	1428672	74.152	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.458	88	252498	46.484	ng	97
3) Pyridine	3.146	79	629850	43.657	ng	96
4) n-Nitrosodimethylamine	3.110	42	348296	46.609	ng	99
6) Aniline	6.381	93	560641	29.946	ng	# 2
8) 2-Chlorophenol	6.510	128	610105	51.311	ng	93
10) Phenol	6.381	94	734119	45.781	ng	79
11) bis(2-Chloroethyl)ether	6.457	93	579902	48.192	ng	98
12) 1,3-Dichlorobenzene	6.663	146	644451	50.978	ng	98
13) 1,4-Dichlorobenzene	6.740	146	650245	51.323	ng	97
14) 1,2-Dichlorobenzene	6.893	146	617748	52.887	ng	99
15) Benzyl Alcohol	6.869	79	515709	51.362	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	922853	44.155	ng	94
17) 2-Methylphenol	6.987	107	499933	45.917	ng	97
18) Hexachloroethane	7.234	117	231156	52.478	ng	94
19) n-Nitroso-di-n-propyla...	7.145	70	391793	43.296	ng	95
20) 3+4-Methylphenols	7.140	107	607735	47.397	ng	# 89
22) Acetophenone	7.134	105	820587	48.075	ng	# 95
24) Nitrobenzene	7.310	77	627470	45.360	ng	97
25) Isophorone	7.545	82	1149037	44.332	ng	98
26) 2-Nitrophenol	7.622	139	344021	51.561	ng	97
27) 2,4-Dimethylphenol	7.669	122	555859	48.585	ng	98
28) bis(2-Chloroethoxy)met...	7.763	93	689357	44.958	ng	99
29) 2,4-Dichlorophenol	7.869	162	497886	47.804	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	512060	47.457	ng	98
31) Naphthalene	8.028	128	1708228	46.369	ng	98
32) Benzoic acid	7.792	122	282735m	40.008	ng	
33) 4-Chloroaniline	8.081	127	179289	12.045	ng	96
34) Hexachlorobutadiene	8.145	225	282787	47.286	ng	99
35) Caprolactam	8.463	113	187473m	53.582	ng	
36) 4-Chloro-3-methylphenol	8.575	107	546505	48.659	ng	98
37) 2-Methylnaphthalene	8.722	142	1138375	45.197	ng	99
38) 1-Methylnaphthalene	8.816	142	1086943	46.132	ng	100
40) 1,2,4,5-Tetrachloroben...	8.886	216	464243	45.120	ng	99
41) Hexachlorocyclopentadiene	8.875	237	470773	78.454	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	334494	47.008	ng	99
44) 2,4,5-Trichlorophenol	9.045	196	360373	43.791	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.186	154	1394694	45.962	ng	98
47) 2-Chloronaphthalene	9.210	162	1047755	47.175	ng	99
48) 2-Nitroaniline	9.304	65	351897	47.940	ng	92
49) Acenaphthylene	9.622	152	1650837	46.518	ng	100
50) Dimethylphthalate	9.492	163	1244817	46.652	ng	98
51) 2,6-Dinitrotoluene	9.551	165	289199	48.154	ng	88
52) Acenaphthene	9.792	154	1167794m	49.132	ng	
53) 3-Nitroaniline	9.716	138	207770	29.096	ng	99
54) 2,4-Dinitrophenol	9.828	184	233120	77.224	ng	96
55) Dibenzofuran	9.969	168	1456344	44.918	ng	100
56) 4-Nitrophenol	9.892	139	481625	87.081	ng	91
57) 2,4-Dinitrotoluene	9.951	165	382138	49.894	ng	99
58) Fluorene	10.310	166	1113664	46.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	293942	46.073	ng	99
60) Diethylphthalate	10.186	149	1169588	46.405	ng	100
61) 4-Chlorophenyl-phenyle...	10.298	204	514565	44.452	ng	95
62) 4-Nitroaniline	10.333	138	320382	48.815	ng	96
63) Azobenzene	10.463	77	1326651	49.688	ng	94
65) 4,6-Dinitro-2-methylph...	10.363	198	182433	43.664	ng	88
66) n-Nitrosodiphenylamine	10.422	169	1007065	45.039	ng	98
67) 4-Bromophenyl-phenylether	10.786	248	327526	43.810	ng	# 90
68) Hexachlorobenzene	10.857	284	352874	46.063	ng	97
69) Atrazine	10.951	200	352473	54.708	ng	98
70) Pentachlorophenol	11.051	266	366729	67.217	ng	99
71) Phenanthrene	11.269	178	1945160	52.502	ng	99
72) Anthracene	11.322	178	1739187	45.870	ng	99
73) Carbazole	11.475	167	1553009	46.000	ng	100
74) Di-n-butylphthalate	11.810	149	1840869	48.183	ng	99
75) Fluoranthene	12.451	202	1822088	49.004	ng	99
77) Benzidine	12.575	184	692884	123.307	ng	# 93
78) Pyrene	12.680	202	1843408	64.715	ng	99
80) Butylbenzylphthalate	13.304	149	656523	65.094	ng	98
81) Benzo(a)anthracene	13.869	228	1141196	49.942	ng	99
82) 3,3'-Dichlorobenzidine	13.827	252	233378	36.971	ng	99
83) Chrysene	13.904	228	1144058	50.079	ng	100
84) Bis(2-ethylhexyl)phtha...	13.863	149	742147	58.624	ng	# 99
85) Di-n-octyl phthalate	14.474	149	1271622	61.604	ng	97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1304591	58.441	ng	97
88) Benzo(b)fluoranthene	14.892	252	1210961	48.502	ng	98
89) Benzo(k)fluoranthene	14.921	252	1142691	46.170	ng	100
90) Benzo(a)pyrene	15.239	252	1121912	49.368	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1053332	56.574	ng	98
92) Benzo(g,h,i)perylene	17.098	276	1014130	55.171	ng	97

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

