

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050923\
 Data File : BF133317.D
 Acq On : 09 May 2023 15:03
 Operator : CG\JU
 Sample : 02665-08MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 10 01:46:38 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	190523	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	778049	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	407127	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	745280	20.000	ng	0.00
76) Chrysene-d12	13.880	240	367799	20.000	ng	0.00
86) Perylene-d12	15.292	264	412599	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1160691	92.028	ng	0.01
7) Phenol-d6	6.369	99	1416393	90.478	ng	0.00
23) Nitrobenzene-d5	7.286	82	872716	60.544	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	365387	89.240	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1554569	63.882	ng	0.00
79) Terphenyl-d14	12.827	244	1637682	76.793	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.457	88	265366	45.361	ng	97
3) Pyridine	3.146	79	658310	42.368	ng	98
4) n-Nitrosodimethylamine	3.110	42	366815	45.578	ng	99
6) Aniline	6.381	93	603150	29.914	ng	# 3
8) 2-Chlorophenol	6.510	128	643719	50.269	ng	94
10) Phenol	6.381	94	763077	44.186	ng	79
11) bis(2-Chloroethyl)ether	6.457	93	605350	46.711	ng	100
12) 1,3-Dichlorobenzene	6.663	146	676398	49.681	ng	98
13) 1,4-Dichlorobenzene	6.739	146	678928	49.757	ng	99
14) 1,2-Dichlorobenzene	6.892	146	647011	51.433	ng	98
15) Benzyl Alcohol	6.869	79	541712	50.096	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	971717	43.170	ng	94
17) 2-Methylphenol	6.987	107	530429	45.236	ng	98
18) Hexachloroethane	7.234	117	241205	50.845	ng	97
19) n-Nitroso-di-n-propyla...	7.145	70	411009	42.173	ng	95
20) 3+4-Methylphenols	7.145	107	636520	46.094	ng	# 66
22) Acetophenone	7.134	105	856855	47.542	ng	# 95
24) Nitrobenzene	7.310	77	660024	45.187	ng	98
25) Isophorone	7.551	82	1222919	44.684	ng	99
26) 2-Nitrophenol	7.628	139	359585	51.040	ng	90
27) 2,4-Dimethylphenol	7.669	122	582162	48.190	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	728864	45.018	ng	99
29) 2,4-Dichlorophenol	7.869	162	528369	48.045	ng	99
30) 1,2,4-Trichlorobenzene	7.951	180	550152	48.287	ng	99
31) Naphthalene	8.028	128	1803492	46.362	ng	99
32) Benzoic acid	7.798	122	304066m	40.748	ng	
33) 4-Chloroaniline	8.081	127	169912	10.811	ng	98
34) Hexachlorobutadiene	8.145	225	300840	47.641	ng	99
35) Caprolactam	8.463	113	193891m	52.482	ng	
36) 4-Chloro-3-methylphenol	8.575	107	581722	49.052	ng	98
37) 2-Methylnaphthalene	8.722	142	1182453	44.462	ng	97
38) 1-Methylnaphthalene	8.822	142	1128423	45.356	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	488296	44.608	ng	99
41) Hexachlorocyclopentadiene	8.875	237	518874	81.277	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	351613	46.447	ng	99
44) 2,4,5-Trichlorophenol	9.045	196	381316	43.553	ng	96

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46) 1,1'-Biphenyl	9.186	154	1452729	44.999	ng	99	
47) 2-Chloronaphthalene	9.210	162	1102733	46.668	ng	98	
48) 2-Nitroaniline	9.304	65	368084	47.134	ng	95	
49) Acenaphthylene	9.622	152	1743112	46.168	ng	100	
50) Dimethylphthalate	9.492	163	1310292	46.156	ng	99	
51) 2,6-Dinitrotoluene	9.551	165	306582	47.983	ng	87	
52) Acenaphthene	9.792	154	1223915m	48.401	ng		
53) 3-Nitroaniline	9.716	138	223555	29.426	ng	99	
54) 2,4-Dinitrophenol	9.827	184	258060	80.351	ng	96	
55) Dibenzofuran	9.969	168	1527902	44.295	ng	99	
56) 4-Nitrophenol	9.892	139	528636	89.841	ng	90	
57) 2,4-Dinitrotoluene	9.957	165	399022	48.970	ng	# 91	
58) Fluorene	10.310	166	1172862	46.410	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.086	232	308260	45.415	ng	99	
60) Diethylphthalate	10.186	149	1249341	46.592	ng	100	
61) 4-Chlorophenyl-phenyle...	10.304	204	537559	43.649	ng	98	
62) 4-Nitroaniline	10.333	138	355362	50.893	ng	97	
63) Azobenzene	10.463	77	1406651	49.520	ng	96	
65) 4,6-Dinitro-2-methylph...	10.363	198	206261	45.660	ng	80	
66) n-Nitrosodiphenylamine	10.422	169	1062858	43.965	ng	99	
67) 4-Bromophenyl-phenylether	10.792	248	347503	42.992	ng	98	
68) Hexachlorobenzene	10.857	284	381388	46.047	ng	97	
69) Atrazine	10.951	200	381731	54.800	ng	98	
70) Pentachlorophenol	11.051	266	391989	66.453	ng	98	
71) Phenanthrene	11.269	178	2076448	51.838	ng	99	
72) Anthracene	11.322	178	1844848	45.003	ng	99	
73) Carbazole	11.474	167	1689870	46.296	ng	98	
74) Di-n-butylphthalate	11.810	149	1978589	47.899	ng	99	
75) Fluoranthene	12.451	202	2037396	50.680	ng	99	
77) Benzidine	12.574	184	826490	132.883	ng	# 93	
78) Pyrene	12.680	202	2101082	66.640	ng	98	
80) Butylbenzylphthalate	13.304	149	753047	67.456	ng	98	
81) Benzo(a)anthracene	13.868	228	1273036	50.333	ng	100	
82) 3,3'-Dichlorobenzidine	13.833	252	231676	33.158	ng	98	
83) Chrysene	13.904	228	1248796	49.387	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.863	149	862709	61.568	ng	# 97	
85) Di-n-octyl phthalate	14.474	149	1412375	61.817	ng	98	
87) Indeno(1,2,3-cd)pyrene	16.680	276	1458784	62.157	ng	98	
88) Benzo(b)fluoranthene	14.892	252	1266836	48.262	ng	98	
89) Benzo(k)fluoranthene	14.921	252	1202676	46.221	ng	99	
90) Benzo(a)pyrene	15.239	252	1168421	48.904	ng	99	
91) Dibenzo(a,h)anthracene	16.698	278	1168742	59.707	ng	97	
92) Benzo(g,h,i)perylene	17.098	276	1179565	61.038	ng	97	

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

