

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132549.D
 Acq On : 27 Feb 2023 13:18
 Operator : CG\JU
 Sample : 01654-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UGTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 27 14:49:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.001	152	167707	20.000	ng	0.00	
21) Naphthalene-d8	8.290	136	615771	20.000	ng	0.00	
39) Acenaphthene-d10	10.054	164	343949	20.000	ng	0.00	
64) Phenanthrene-d10	11.548	188	666548	20.000	ng	0.00	
76) Chrysene-d12	14.207	240	334698	20.000	ng	0.00	
86) Perylene-d12	15.754	264	382513	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.654	112	1200691	116.196	ng	0.02	
7) Phenol-d6	6.637	99	1504422	111.555	ng	0.00	
23) Nitrobenzene-d5	7.572	82	1152248	88.779	ng	0.00	
42) 2,4,6-Tribromophenol	10.854	330	519404	139.831	ng	0.00	
45) 2-Fluorobiphenyl	9.372	172	1840983	81.500	ng	0.00	
79) Terphenyl-d14	13.142	244	2190899	110.674	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.078	88	235308	41.167	ng		98
3) Pyridine	3.778	79	534677	35.240	ng		99
4) n-Nitrosodimethylamine	3.719	42	269276	46.985	ng		96
6) Aniline	6.666	93	233787	12.882	ng		98
8) 2-Chlorophenol	6.796	128	532892	49.688	ng		97
9) Benzaldehyde	6.560	77	236705	32.528	ng		99
10) Phenol	6.648	94	606341	39.217	ng		97
11) bis(2-Chloroethyl)ether	6.737	93	585573	49.060	ng		98
12) 1,3-Dichlorobenzene	6.948	146	532121	46.235	ng		98
13) 1,4-Dichlorobenzene	7.019	146	533114	46.390	ng		98
14) 1,2-Dichlorobenzene	7.172	146	520309	47.177	ng		97
15) Benzyl Alcohol	7.148	79	530605	51.088	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.272	45	729294	47.915	ng		95
17) 2-Methylphenol	7.254	107	440482	44.008	ng		98
18) Hexachloroethane	7.519	117	215197	47.932	ng		94
19) n-Nitroso-di-n-propyla...	7.419	70	388205	46.773	ng		97
20) 3+4-Methylphenols	7.407	107	510476	39.477	ng		98
22) Acetophenone	7.413	105	729919	47.010	ng		94
24) Nitrobenzene	7.590	77	642965	46.321	ng		96
25) Isophorone	7.825	82	1187631	47.728	ng		98
26) 2-Nitrophenol	7.907	139	296516	48.416	ng		98
27) 2,4-Dimethylphenol	7.937	122	455295	47.103	ng		96
28) bis(2-Chloroethoxy)met...	8.031	93	700637	48.133	ng		99
29) 2,4-Dichlorophenol	8.148	162	456674	47.495	ng		98
30) 1,2,4-Trichlorobenzene	8.231	180	506065	48.470	ng		98
31) Naphthalene	8.313	128	1451508	46.045	ng		100
32) Benzoic acid	8.066	122	330094	43.709	ng		89
33) 4-Chloroaniline	8.354	127	47812	3.539	ng		96
34) Hexachlorobutadiene	8.425	225	332474	50.112	ng		98
35) Caprolactam	8.742	113	134771m	42.515	ng		
36) 4-Chloro-3-methylphenol	8.848	107	516514	48.914	ng		95
37) 2-Methylnaphthalene	9.007	142	984614	45.832	ng		100
38) 1-Methylnaphthalene	9.107	142	915096	45.580	ng		100
40) 1,2,4,5-Tetrachloroben...	9.172	216	534474	47.495	ng		99
41) Hexachlorocyclopentadiene	9.154	237	640105	104.873	ng		98
43) 2,4,6-Trichlorophenol	9.284	196	365310	47.902	ng		97

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44) 2,4,5-Trichlorophenol	9.331	196	388797	43.681	ng	95
46) 1,1'-Biphenyl	9.472	154	1187145	45.602	ng	99
47) 2-Chloronaphthalene	9.501	162	964156	46.713	ng	100
48) 2-Nitroaniline	9.595	65	342083	45.000	ng	99
49) Acenaphthylene	9.919	152	1478088	44.996	ng	99
50) Dimethylphthalate	9.772	163	1195360	47.731	ng	100
51) 2,6-Dinitrotoluene	9.836	165	270220	47.378	ng	96
52) Acenaphthene	10.089	154	1072745m	51.429	ng	
53) 3-Nitroaniline	10.007	138	100417	15.739	ng	96
54) 2,4-Dinitrophenol	10.119	184	325607	90.350	ng	94
55) Dibenzofuran	10.266	168	1375868	45.246	ng	98
56) 4-Nitrophenol	10.172	139	379296	79.717	ng	88
57) 2,4-Dinitrotoluene	10.242	165	367707	48.461	ng	94
58) Fluorene	10.607	166	1069320	45.973	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.378	232	332126	50.231	ng	98
60) Diethylphthalate	10.472	149	1177914	48.159	ng	99
61) 4-Chlorophenyl-phenyle...	10.595	204	563297	46.683	ng	98
62) 4-Nitroaniline	10.631	138	260581	41.608	ng	96
63) Azobenzene	10.754	77	1226267	47.339	ng	95
65) 4,6-Dinitro-2-methylph...	10.654	198	218183	48.354	ng	95
66) n-Nitrosodiphenylamine	10.719	169	958044	46.104	ng	99
67) 4-Bromophenyl-phenylether	11.089	248	366293	48.582	ng	98
68) Hexachlorobenzene	11.160	284	404607	51.000	ng	99
69) Atrazine	11.242	200	345509	53.259	ng	97
70) Pentachlorophenol	11.354	266	428569	90.795	ng	98
71) Phenanthrene	11.578	178	1578307	45.708	ng	99
72) Anthracene	11.631	178	1609903	45.275	ng	100
73) Carbazole	11.783	167	1402553	43.748	ng	99
74) Di-n-butylphthalate	12.101	149	1838067	48.876	ng	99
75) Fluoranthene	12.772	202	1614091	42.759	ng	98
77) Benzidine	12.883	184	147134	18.059	ng	99
78) Pyrene	13.001	202	1619620	53.225	ng	99
80) Butylbenzylphthalate	13.613	149	658390	54.828	ng	96
81) Benzo(a)anthracene	14.195	228	1186643	47.384	ng	99
82) 3,3'-Dichlorobenzidine	14.154	252	146158	19.796	ng	# 98
83) Chrysene	14.236	228	1101626	47.042	ng	98
84) Bis(2-ethylhexyl)phtha...	14.166	149	839242	56.892	ng	99
85) Di-n-octyl phthalate	14.789	149	1265821	58.721	ng	99
87) Indeno(1,2,3-cd)pyrene	17.365	276	1245009	49.673	ng	98
88) Benzo(b)fluoranthene	15.295	252	1166013	45.487	ng	99
89) Benzo(k)fluoranthene	15.324	252	1159002	46.198	ng	100
90) Benzo(a)pyrene	15.695	252	1066310	44.445	ng	98
91) Dibenzo(a,h)anthracene	17.383	278	1023525	50.120	ng	97
92) Benzo(g,h,i)perylene	17.854	276	968915	42.186	ng	98

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

