

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133894.D
 Acq On : 22 Jun 2023 11:16
 Operator : CG\JU
 Sample : 03229-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-402-COMP-09MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 02:25:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	104795	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	407777	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	211476	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	429357	20.000	ng	0.00
76) Chrysene-d12	14.057	240	246662	20.000	ng	0.00
86) Perylene-d12	15.562	264	226633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	728025	120.943	ng	0.02
7) Phenol-d6	6.504	99	827673	105.632	ng	0.00
23) Nitrobenzene-d5	7.428	82	664019	88.693	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	342196	127.833	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1238072	83.222	ng	0.00
79) Terphenyl-d14	12.992	244	1500242	94.112	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.822	88	100424	37.947	ng	# 79
3) Pyridine	3.563	79	188035	24.377	ng	99
4) n-Nitrosodimethylamine	3.498	42	180930	42.434	ng	98
6) Aniline	6.528	93	141699	14.358	ng	# 89
8) 2-Chlorophenol	6.651	128	309186	48.739	ng	96
9) Benzaldehyde	6.416	77	81552	15.688	ng	97
10) Phenol	6.516	94	318782	38.962	ng	100
11) bis(2-Chloroethyl)ether	6.598	93	309149	50.896	ng	96
12) 1,3-Dichlorobenzene	6.804	146	329280	48.582	ng	98
13) 1,4-Dichlorobenzene	6.881	146	331648	48.412	ng	96
14) 1,2-Dichlorobenzene	7.028	146	319241	51.573	ng	99
15) Benzyl Alcohol	7.004	79	290435	47.458	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	509009	49.435	ng	96
17) 2-Methylphenol	7.116	107	248643	44.221	ng	99
18) Hexachloroethane	7.369	117	124834	53.228	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	229642	46.064	ng	98
20) 3+4-Methylphenols	7.269	107	295816	40.442	ng	# 78
22) Acetophenone	7.269	105	444240	47.499	ng	94
24) Nitrobenzene	7.445	77	348161	46.183	ng	100
25) Isophorone	7.681	82	647148	47.083	ng	100
26) 2-Nitrophenol	7.757	139	174300	51.518	ng	98
27) 2,4-Dimethylphenol	7.798	122	279210	47.880	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	379509	47.773	ng	100
29) 2,4-Dichlorophenol	7.998	162	268782	47.029	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	278056	46.631	ng	99
31) Naphthalene	8.163	128	903556	45.481	ng	99
32) Benzoic acid	7.928	122	188265	51.190	ng	94
33) 4-Chloroaniline	8.210	127	63299	7.452	ng	98
34) Hexachlorobutadiene	8.275	225	179343	45.938	ng	98
35) Caprolactam	8.592	113	77865m	40.489	ng	
36) 4-Chloro-3-methylphenol	8.698	107	306755	46.565	ng	97
37) 2-Methylnaphthalene	8.857	142	615068	44.558	ng	99
38) 1-Methylnaphthalene	8.957	142	573874	45.179	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	290940	45.254	ng	98
41) Hexachlorocyclopentadiene	9.004	237	360006	125.657	ng	97
43) 2,4,6-Trichlorophenol	9.133	196	200067	46.569	ng	98

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44) 2,4,5-Trichlorophenol	9.180	196	220551	44.127	ng	99
46) 1,1'-Biphenyl	9.322	154	794135	46.561	ng	99
47) 2-Chloronaphthalene	9.345	162	578299	47.268	ng	99
48) 2-Nitroaniline	9.445	65	212259	47.438	ng	99
49) Acenaphthylene	9.763	152	967107	45.417	ng	99
50) Dimethylphthalate	9.628	163	725332	45.951	ng	99
51) 2,6-Dinitrotoluene	9.692	165	161411	49.541	ng	93
52) Acenaphthene	9.939	154	569330	45.677	ng	100
53) 3-Nitroaniline	9.857	138	116072	29.274	ng	87
54) 2,4-Dinitrophenol	9.969	184	189230	116.076	ng	87
55) Dibenzofuran	10.110	168	874026	45.955	ng	97
56) 4-Nitrophenol	10.033	139	243161	90.870	ng	84
57) 2,4-Dinitrotoluene	10.098	165	210569	50.816	ng	98
58) Fluorene	10.457	166	685577	47.137	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	189455	50.630	ng	99
60) Diethylphthalate	10.327	149	767138	47.751	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	333667	46.471	ng	98
62) 4-Nitroaniline	10.480	138	172883	44.471	ng	98
63) Azobenzene	10.610	77	712319	46.837	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	121179	59.063	ng	91
66) n-Nitrosodiphenylamine	10.569	169	618912	42.914	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	208989	43.610	ng	94
68) Hexachlorobenzene	11.004	284	235898	46.811	ng	96
69) Atrazine	11.098	200	208626	49.856	ng	96
70) Pentachlorophenol	11.204	266	254462	84.326	ng	98
71) Phenanthrene	11.422	178	996172	45.731	ng	99
72) Anthracene	11.474	178	1029331	45.318	ng	99
73) Carbazole	11.633	167	966252	45.676	ng	99
74) Di-n-butylphthalate	11.963	149	1234747	45.529	ng	100
75) Fluoranthene	12.616	202	1086290	46.959	ng	98
77) Benzidine	12.739	184	58844	7.109	ng	97
78) Pyrene	12.845	202	1107419	48.196	ng	99
80) Butylbenzylphthalate	13.468	149	465588	47.997	ng	97
81) Benzo(a)anthracene	14.045	228	798730	46.814	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	185606	32.721	ng	99
83) Chrysene	14.080	228	746410	46.254	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	594606	49.783	ng	99
85) Di-n-octyl phthalate	14.651	149	863893	50.898	ng	99
87) Indeno(1,2,3-cd)pyrene	17.115	276	796382	51.077	ng	99
88) Benzo(b)fluoranthene	15.115	252	688842	50.036	ng	97
89) Benzo(k)fluoranthene	15.151	252	623431	46.488	ng	98
90) Benzo(a)pyrene	15.498	252	573971	44.923	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	648761	50.259	ng	98
92) Benzo(g,h,i)perylene	17.598	276	657062	51.340	ng	98

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

