

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136879.D
 Acq On : 02 Jan 2024 19:23
 Operator : CG\JU
 Sample : 05899-17MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-06-0-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/03/2024
 Supervised By :mohammad ahmed 01/03/2024

Quant Time: Jan 03 02:02:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67905	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	267416	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137487	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	264277	20.000	ng	0.00
76) Chrysene-d12	13.963	240	145204	20.000	ng	0.00
86) Perylene-d12	15.439	264	139451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	462281	106.220	ng	0.00
7) Phenol-d6	6.434	99	587500	104.180	ng	0.00
23) Nitrobenzene-d5	7.345	82	360483	68.980	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	173788	107.329	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	725838	71.006	ng	-0.01
79) Terphenyl-d14	12.904	244	765679	73.690	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	79376	43.773	ng	98
3) Pyridine	3.393	79	185915	42.021	ng	95
4) n-Nitrosodimethylamine	3.363	42	106323	45.001	ng	98
6) Aniline	6.451	93	217720	38.616	ng	# 82
8) 2-Chlorophenol	6.569	128	226990	47.661	ng	97
9) Benzaldehyde	6.334	77	49244	15.352	ng	98
10) Phenol	6.445	94	279316	46.398	ng	98
11) bis(2-Chloroethyl)ether	6.522	93	214703	46.898	ng	97
12) 1,3-Dichlorobenzene	6.722	146	231460	44.550	ng	98
13) 1,4-Dichlorobenzene	6.798	146	237728	44.781	ng	98
14) 1,2-Dichlorobenzene	6.945	146	222479	45.038	ng	98
15) Benzyl Alcohol	6.928	79	183420	48.212	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	333082	44.501	ng	93
17) 2-Methylphenol	7.045	107	179452	45.482	ng	99
18) Hexachloroethane	7.287	117	83368	43.242	ng	94
19) n-Nitroso-di-n-propyla...	7.198	70	152339	44.563	ng	97
20) 3+4-Methylphenols	7.198	107	227183	46.089	ng	# 73
22) Acetophenone	7.192	105	316699	47.249	ng	94
24) Nitrobenzene	7.363	77	230521	44.035	ng	99
25) Isophorone	7.604	82	419728	44.140	ng	98
26) 2-Nitrophenol	7.681	139	118423	47.281	ng	98
27) 2,4-Dimethylphenol	7.722	122	172862	56.690	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	260304	45.034	ng	99
29) 2,4-Dichlorophenol	7.922	162	181106	46.134	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	193429	44.223	ng	98
31) Naphthalene	8.081	128	656994	44.721	ng	100
32) Benzoic acid	7.863	122	133449	45.231	ng	96
33) 4-Chloroaniline	8.134	127	61648	11.365	ng	95
34) Hexachlorobutadiene	8.192	225	113082	42.553	ng	97
35) Caprolactam	8.516	113	62208m	48.035	ng	
36) 4-Chloro-3-methylphenol	8.628	107	200910	45.460	ng	98
37) 2-Methylnaphthalene	8.775	142	410806	43.450	ng	99
38) 1-Methylnaphthalene	8.875	142	397097	42.809	ng	97
40) 1,2,4,5-Tetrachloroben...	8.939	216	202181	47.484	ng	98
41) Hexachlorocyclopentadiene	8.922	237	143583	104.184	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	127837	46.815	ng	98

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44) 2,4,5-Trichlorophenol	9.104	196	135059	44.384	ng	96
46) 1,1'-Biphenyl	9.239	154	541755	46.957	ng	100
47) 2-Chloronaphthalene	9.263	162	396812	45.242	ng	99
48) 2-Nitroaniline	9.369	65	125283	45.615	ng	93
49) Acenaphthylene	9.681	152	662538	49.421	ng	99
50) Dimethylphthalate	9.545	163	461152	45.921	ng	99
51) 2,6-Dinitrotoluene	9.610	165	102282	44.878	ng	89
52) Acenaphthene	9.851	154	371207	44.669	ng	99
53) 3-Nitroaniline	9.780	138	67442	27.934	ng	95
54) 2,4-Dinitrophenol	9.892	184	89970	71.637	ng	# 85
55) Dibenzofuran	10.028	168	575456	45.682	ng	96
56) 4-Nitrophenol	9.963	139	136113	83.515	ng	92
57) 2,4-Dinitrotoluene	10.016	165	131143	44.324	ng	94
58) Fluorene	10.369	166	456174	45.639	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.145	232	114363	48.823	ng	97
60) Diethylphthalate	10.245	149	469106	45.022	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	213172	43.877	ng	93
62) 4-Nitroaniline	10.404	138	102412m	44.002	ng	
63) Azobenzene	10.522	77	438260	45.033	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	62799	41.463	ng	98
66) n-Nitrosodiphenylamine	10.486	169	409074	47.650	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	133863	45.609	ng	98
68) Hexachlorobenzene	10.916	284	149518	45.713	ng	96
69) Atrazine	11.016	200	128973	58.737	ng	99
70) Pentachlorophenol	11.122	266	131509	86.261	ng	97
71) Phenanthrene	11.333	178	642345	47.370	ng	99
72) Anthracene	11.386	178	661272	48.152	ng	99
73) Carbazole	11.545	167	601676	46.470	ng	100
74) Di-n-butylphthalate	11.874	149	745538	47.188	ng	99
75) Fluoranthene	12.527	202	666627	45.959	ng	98
77) Benzidine	12.657	184	166204	38.820	ng	99
78) Pyrene	12.757	202	669374	46.960	ng	99
80) Butylbenzylphthalate	13.380	149	260422	50.210	ng	97
81) Benzo(a)anthracene	13.957	228	470931	46.706	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	114728	40.067	ng	# 97
83) Chrysene	13.992	228	451659	45.807	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	339919	52.088	ng	# 96
85) Di-n-octyl phthalate	14.557	149	519701	51.484	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	482449	47.916	ng	99
88) Benzo(b)fluoranthene	15.010	252	415243	44.582	ng	99
89) Benzo(k)fluoranthene	15.039	252	390945	44.421	ng	100
90) Benzo(a)pyrene	15.380	252	362938	46.163	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	401782	48.640	ng	98
92) Benzo(g,h,i)perylene	17.404	276	389901	46.086	ng	97

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

