

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
 Data File : BF134250.D
 Acq On : 12 Jul 2023 16:55
 Operator : CG\JU
 Sample : 03541-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WWS-08MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2023
 Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 12 17:25:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	116568	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	456657	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	232373	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	470416	20.000	ng	0.00
76) Chrysene-d12	14.039	240	225468	20.000	ng	0.00
86) Perylene-d12	15.545	264	246066	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	593209	85.126	ng	0.02
7) Phenol-d6	6.487	99	677850	79.096	ng	0.00
23) Nitrobenzene-d5	7.410	82	528655	62.404	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	280780	96.372	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1009414	63.156	ng	0.00
79) Terphenyl-d14	12.974	244	1156071	82.522	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.751	88	71451	24.867	ng	# 79
3) Pyridine	3.534	79	140561	18.781	ng	98
4) n-Nitrosodimethylamine	3.446	42	118189	27.649	ng	97
6) Aniline	6.510	93	140916	13.513	ng	# 83
8) 2-Chlorophenol	6.634	128	216459	30.599	ng	96
9) Benzaldehyde	6.398	77	89864	16.066	ng	95
10) Phenol	6.498	94	235767	26.165	ng	96
11) bis(2-Chloroethyl)ether	6.581	93	196630	29.640	ng	100
12) 1,3-Dichlorobenzene	6.786	146	210121	27.861	ng	97
13) 1,4-Dichlorobenzene	6.863	146	216432	28.413	ng	99
14) 1,2-Dichlorobenzene	7.010	146	204961	28.730	ng	99
15) Benzyl Alcohol	6.986	79	201821	30.548	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	321719	27.413	ng	82
17) 2-Methylphenol	7.104	107	181043	28.580	ng	96
18) Hexachloroethane	7.351	117	80501	28.501	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	167030	30.733	ng	99
20) 3+4-Methylphenols	7.275	107	249475	32.463	ng	# 51
22) Acetophenone	7.251	105	320574	30.867	ng	# 89
24) Nitrobenzene	7.428	77	244924	28.611	ng	94
25) Isophorone	7.663	82	453036	29.425	ng	96
26) 2-Nitrophenol	7.745	139	120186	29.266	ng	97
27) 2,4-Dimethylphenol	7.792	122	208355	32.052	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	260217	29.189	ng	99
29) 2,4-Dichlorophenol	7.998	162	201435	31.249	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	192599	28.957	ng	99
31) Naphthalene	8.145	128	620522	28.131	ng	99
32) Benzoic acid	7.916	122	39396	8.088	ng	95
33) 4-Chloroaniline	8.198	127	142150	15.065	ng	99
34) Hexachlorobutadiene	8.257	225	119052	28.375	ng	99
35) Caprolactam	8.569	113	56069m	26.417	ng	
36) 4-Chloro-3-methylphenol	8.686	107	223701	30.892	ng	98
37) 2-Methylnaphthalene	8.839	142	438212	28.093	ng	100
38) 1-Methylnaphthalene	8.939	142	404825	27.917	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	211518	30.724	ng	98
41) Hexachlorocyclopentadiene	8.992	237	176109	53.920	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	142261	30.355	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	154941	28.106	ng	94
46) 1,1'-Biphenyl	9.304	154	562932	30.200	ng	99
47) 2-Chloronaphthalene	9.333	162	394373	28.917	ng	98
48) 2-Nitroaniline	9.433	65	154119	31.007	ng	94
49) Acenaphthylene	9.745	152	703635	30.202	ng	100
50) Dimethylphthalate	9.610	163	530958	31.477	ng	100
51) 2,6-Dinitrotoluene	9.675	165	115968	31.920	ng	92
52) Acenaphthene	9.922	154	412164	30.489	ng	98
53) 3-Nitroaniline	9.845	138	82441	18.915	ng	98
54) 2,4-Dinitrophenol	9.957	184	35381	19.912	ng	97
55) Dibenzofuran	10.092	168	640564	30.319	ng	100
56) 4-Nitrophenol	10.016	139	153615	50.387	ng	96
57) 2,4-Dinitrotoluene	10.080	165	154101	32.118	ng	91
58) Fluorene	10.439	166	516093	31.398	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	135156	31.082	ng	99
60) Diethylphthalate	10.310	149	559486	31.836	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	248920	31.425	ng	98
62) 4-Nitroaniline	10.463	138	125433	28.556	ng	97
63) Azobenzene	10.592	77	522948	31.458	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	40716	15.876	ng	# 78
66) n-Nitrosodiphenylamine	10.551	169	459403	30.566	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	154587	30.918	ng	97
68) Hexachlorobenzene	10.986	284	179298	33.774	ng	98
69) Atrazine	11.080	200	150071	36.097	ng	99
70) Pentachlorophenol	11.186	266	126906	39.980	ng	96
71) Phenanthrene	11.404	178	724755	30.604	ng	99
72) Anthracene	11.457	178	746014	30.287	ng	99
73) Carbazole	11.616	167	695178	30.835	ng	99
74) Di-n-butylphthalate	11.945	149	866630	32.324	ng	100
75) Fluoranthene	12.598	202	736831	28.780	ng	100
77) Benzidine	12.727	184	161956	30.188	ng	98
78) Pyrene	12.833	202	722113	34.414	ng	98
80) Butylbenzylphthalate	13.451	149	273307	34.730	ng	98
81) Benzo(a)anthracene	14.027	228	469268	30.011	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	148583	29.993	ng	98
83) Chrysene	14.068	228	441332	29.140	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	320462	35.439	ng	100
85) Di-n-octyl phthalate	14.633	149	511317	38.483	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	493188	28.884	ng	98
88) Benzo(b)fluoranthene	15.098	252	458761	31.707	ng	98
89) Benzo(k)fluoranthene	15.127	252	433719	29.442	ng	98
90) Benzo(a)pyrene	15.480	252	402925	28.798	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	416396	29.857	ng	95
92) Benzo(g,h,i)perylene	17.562	276	368036	25.590	ng	98

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

