

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136762.D
 Acq On : 27 Dec 2023 17:18
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 27 22:43:47 2023
 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/28/2023
 Supervised By :mohammad ahmed 12/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	79086	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	285442	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	138803	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	247328	20.000	ng	0.00
76) Chrysene-d12	13.968	240	142131	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	147467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	405133	79.929	ng	0.00
7) Phenol-d6	6.434	99	504089	76.752	ng	0.00
23) Nitrobenzene-d5	7.351	82	452707	81.157	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	127673	78.101	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	849018	82.269	ng	-0.01
79) Terphenyl-d14	12.904	244	774525	76.153	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	84252	39.894	ng	96
3) Pyridine	3.293	79	203095	39.414	ng	94
4) n-Nitrosodimethylamine	3.269	42	107997	39.247	ng	99
6) Aniline	6.451	93	243623	37.101	ng	# 37
8) 2-Chlorophenol	6.575	128	217091	39.138	ng	96
9) Benzaldehyde	6.340	77	143140	38.316	ng	98
10) Phenol	6.445	94	267759	38.190	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	200766	37.654	ng	98
12) 1,3-Dichlorobenzene	6.728	146	241122	39.848	ng	98
13) 1,4-Dichlorobenzene	6.804	146	241891	39.123	ng	96
14) 1,2-Dichlorobenzene	6.957	146	224970	39.104	ng	98
15) Benzyl Alcohol	6.934	79	171282	38.656	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	319932	36.701	ng	89
17) 2-Methylphenol	7.045	107	170547	37.114	ng	99
18) Hexachloroethane	7.292	117	88984	39.629	ng	91
19) n-Nitroso-di-n-propyla...	7.204	70	143635	36.077	ng	96
20) 3+4-Methylphenols	7.198	107	213282	37.152	ng	93
22) Acetophenone	7.198	105	289468	40.459	ng	# 98
24) Nitrobenzene	7.369	77	228609	40.912	ng	97
25) Isophorone	7.604	82	397572	39.169	ng	99
26) 2-Nitrophenol	7.681	139	114615	42.871	ng	96
27) 2,4-Dimethylphenol	7.722	122	130612	40.129	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	244048	39.556	ng	99
29) 2,4-Dichlorophenol	7.928	162	171649	40.963	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	191449	41.006	ng	98
31) Naphthalene	8.086	128	636101	40.564	ng	100
32) Benzoic acid	7.857	122	125586m	39.878	ng	
33) 4-Chloroaniline	8.139	127	226428	39.108	ng	96
34) Hexachlorobutadiene	8.198	225	118026	41.608	ng	97
35) Caprolactam	8.522	113	52434m	37.931	ng	
36) 4-Chloro-3-methylphenol	8.628	107	183069	38.808	ng	99
37) 2-Methylnaphthalene	8.775	142	390985	38.742	ng	99
38) 1-Methylnaphthalene	8.875	142	384981	38.882	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	183515	42.691	ng	98
41) Hexachlorocyclopentadiene	8.928	237	42314	33.880	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	115102	41.752	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	129168	42.046	ng	97
46) 1,1'-Biphenyl	9.239	154	480861	41.284	ng	97
47) 2-Chloronaphthalene	9.269	162	375802	42.441	ng	98
48) 2-Nitroaniline	9.369	65	113458	40.917	ng	97
49) Acenaphthylene	9.681	152	553756	40.915	ng	99
50) Dimethylphthalate	9.545	163	400202	39.473	ng	98
51) 2,6-Dinitrotoluene	9.610	165	92502	40.202	ng	# 87
52) Acenaphthene	9.857	154	339811	40.503	ng	99
53) 3-Nitroaniline	9.781	138	95356	39.122	ng	94
54) 2,4-Dinitrophenol	9.892	184	39352	33.153	ng	95
55) Dibenzofuran	10.028	168	502494	39.512	ng	100
56) 4-Nitrophenol	9.951	139	56833	34.540	ng	96
57) 2,4-Dinitrotoluene	10.016	165	118389	39.634	ng	98
58) Fluorene	10.369	166	402224	39.860	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	94212	39.839	ng	99
60) Diethylphthalate	10.245	149	414245	39.379	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	192092	39.163	ng	97
62) 4-Nitroaniline	10.398	138	85966m	36.586	ng	
63) Azobenzene	10.522	77	377526	38.425	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	61644	43.490	ng	96
66) n-Nitrosodiphenylamine	10.486	169	337467	42.003	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	114043	41.519	ng	92
68) Hexachlorobenzene	10.922	284	129586	42.334	ng	95
69) Atrazine	11.016	200	86642	42.163	ng	97
70) Pentachlorophenol	11.116	266	56405	39.533	ng	99
71) Phenanthrene	11.339	178	529360	41.713	ng	99
72) Anthracene	11.386	178	528572	41.127	ng	99
73) Carbazole	11.545	167	490093	40.446	ng	100
74) Di-n-butylphthalate	11.880	149	595202	40.255	ng	99
75) Fluoranthene	12.527	202	534321	39.362	ng	97
77) Benzidine	12.657	184	154765	36.929	ng	99
78) Pyrene	12.763	202	539008	38.632	ng	99
80) Butylbenzylphthalate	13.386	149	206091	40.594	ng	97
81) Benzo(a)anthracene	13.957	228	405342	41.071	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	125733	44.859	ng	98
83) Chrysene	13.992	228	389452	40.352	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	274342	42.948	ng	98
85) Di-n-octyl phthalate	14.563	149	448575	45.398	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	437845	41.123	ng	99
88) Benzo(b)fluoranthene	15.010	252	395481	40.153	ng	99
89) Benzo(k)fluoranthene	15.039	252	343684	36.928	ng	100
90) Benzo(a)pyrene	15.380	252	333509	40.114	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	356580	40.822	ng	98
92) Benzo(g,h,i)perylene	17.404	276	367659	41.095	ng	99

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

