

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
 Data File : BF134459.D
 Acq On : 25 Jul 2023 12:48
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 25 17:24:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	60997	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	226125	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	115110	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	235192	20.000	ng	0.00
76) Chrysene-d12	14.033	240	172975	20.000	ng	0.00
86) Perylene-d12	15.533	264	135798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	293039	79.374	ng	0.00
7) Phenol-d6	6.481	99	362075	80.047	ng	0.00
23) Nitrobenzene-d5	7.404	82	352853	78.949	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	141846	86.729	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	716029	81.661	ng	0.00
79) Terphenyl-d14	12.963	244	858547	86.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.598	88	67044	42.813	ng	97
3) Pyridine	3.393	79	163219	46.433	ng	99
4) n-Nitrosodimethylamine	3.357	42	101272	48.751	ng	89
6) Aniline	6.504	93	212511	39.862	ng	# 86
8) 2-Chlorophenol	6.628	128	150403	40.213	ng	94
9) Benzaldehyde	6.392	77	89859	37.096	ng	99
10) Phenol	6.498	94	186734	39.678	ng	87
11) bis(2-Chloroethyl)ether	6.575	93	133864	40.745	ng	97
12) 1,3-Dichlorobenzene	6.775	146	162727	40.460	ng	99
13) 1,4-Dichlorobenzene	6.851	146	162991	39.380	ng	98
14) 1,2-Dichlorobenzene	7.004	146	153976	39.603	ng	99
15) Benzyl Alcohol	6.986	79	145703	41.720	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	201857	41.721	ng	94
17) 2-Methylphenol	7.098	107	133143	39.915	ng	97
18) Hexachloroethane	7.339	117	65309	41.072	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	117056	41.570	ng	96
20) 3+4-Methylphenols	7.251	107	169337	39.650	ng	94
22) Acetophenone	7.251	105	222450	39.555	ng	97
24) Nitrobenzene	7.422	77	175412	39.464	ng	100
25) Isophorone	7.657	82	302974	40.675	ng	99
26) 2-Nitrophenol	7.733	139	85205	41.678	ng	99
27) 2,4-Dimethylphenol	7.775	122	131072	40.628	ng	96
28) bis(2-Chloroethoxy)met...	7.863	93	173051	41.739	ng	98
29) 2,4-Dichlorophenol	7.980	162	130464	40.453	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	139603	40.129	ng	98
31) Naphthalene	8.139	128	448477	39.851	ng	100
32) Benzoic acid	7.910	122	93388	43.336	ng	# 71
33) 4-Chloroaniline	8.192	127	172466	37.075	ng	97
34) Hexachlorobutadiene	8.245	225	94823	40.688	ng	97
35) Caprolactam	8.575	113	41215	41.794	ng	99
36) 4-Chloro-3-methylphenol	8.680	107	151666	40.757	ng	97
37) 2-Methylnaphthalene	8.827	142	318800	40.770	ng	100
38) 1-Methylnaphthalene	8.927	142	297750	41.046	ng	96
40) 1,2,4,5-Tetrachloroben...	8.998	216	148740	40.775	ng	99
41) Hexachlorocyclopentadiene	8.975	237	54124	52.339	ng	94
43) 2,4,6-Trichlorophenol	9.110	196	97050	41.471	ng	98

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44) 2,4,5-Trichlorophenol	9.157	196	110770	40.627	ng	97
46) 1,1'-Biphenyl	9.292	154	391948	41.313	ng	98
47) 2-Chloronaphthalene	9.322	162	282147	40.340	ng	99
48) 2-Nitroaniline	9.427	65	103244	40.987	ng	92
49) Acenaphthylene	9.739	152	477906	40.446	ng	99
50) Dimethylphthalate	9.598	163	351923	41.242	ng	100
51) 2,6-Dinitrotoluene	9.669	165	77757	41.529	ng	87
52) Acenaphthene	9.910	154	282176	40.426	ng	98
53) 3-Nitroaniline	9.839	138	84240	39.241	ng	91
54) 2,4-Dinitrophenol	9.951	184	34619	38.918	ng	91
55) Dibenzofuran	10.080	168	435524	40.540	ng	99
56) 4-Nitrophenol	10.016	139	48576	42.432	ng	90
57) 2,4-Dinitrotoluene	10.074	165	102021	40.567	ng	88
58) Fluorene	10.427	166	357503	41.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	90997m	43.440	ng	
60) Diethylphthalate	10.298	149	376595	42.627	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	175095	42.292	ng	98
62) 4-Nitroaniline	10.463	138	78638	35.705	ng	99
63) Azobenzene	10.580	77	343036	42.184	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	56156	41.624	ng	89
66) n-Nitrosodiphenylamine	10.539	169	308251	41.195	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	106922	41.493	ng	99
68) Hexachlorobenzene	10.974	284	120581	41.554	ng	99
69) Atrazine	11.069	200	85975	41.211	ng	97
70) Pentachlorophenol	11.174	266	58261	47.842	ng	94
71) Phenanthrene	11.392	178	493893	40.192	ng	99
72) Anthracene	11.445	178	511176	40.304	ng	98
73) Carbazole	11.604	167	472458	39.558	ng	99
74) Di-n-butylphthalate	11.927	149	594001	43.326	ng	99
75) Fluoranthene	12.592	202	559640	39.077	ng	99
77) Benzidine	12.715	184	149710	40.535	ng	100
78) Pyrene	12.821	202	568400	41.327	ng	99
80) Butylbenzylphthalate	13.439	149	251241	45.603	ng	97
81) Benzo(a)anthracene	14.021	228	489053	40.524	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	150157	39.284	ng	98
83) Chrysene	14.057	228	467975	40.542	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	334758	50.015	ng	97
85) Di-n-octyl phthalate	14.615	149	457175	49.152	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	393118	44.311	ng	99
88) Benzo(b)fluoranthene	15.092	252	348379	41.007	ng	99
89) Benzo(k)fluoranthene	15.121	252	347732	41.621	ng	99
90) Benzo(a)pyrene	15.468	252	315503	40.178	ng	98
91) Dibenzo(a,h)anthracene	17.092	278	328095	45.793	ng	99
92) Benzo(g,h,i)perylene	17.556	276	531545	72.253	ng	97

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

