

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138805.D
 Acq On : 06 Aug 2024 12:46
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 06 13:25:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	51329	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	209134	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	114476	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	195342	20.000	ng	0.00
76) Chrysene-d12	14.004	240	93658	20.000	ng	0.00
86) Perylene-d12	15.463	264	96095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	259632	78.081	ng	0.00
7) Phenol-d6	6.492	99	355629	79.659	ng	0.00
23) Nitrobenzene-d5	7.416	82	344858	80.621	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	84754	90.384	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	656341	86.145	ng	0.00
79) Terphenyl-d14	12.945	244	498948	89.194	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	50321	34.567	ng	97
3) Pyridine	3.363	79	125081	35.469	ng	95
4) n-Nitrosodimethylamine	3.322	42	84149	40.065	ng	92
6) Aniline	6.510	93	150458	37.790	ng	# 51
8) 2-Chlorophenol	6.634	128	140759	40.235	ng	98
9) Benzaldehyde	6.398	77	84531	31.586	ng	99
10) Phenol	6.504	94	183855	39.114	ng	84
11) bis(2-Chloroethyl)ether	6.587	93	140835	38.935	ng	96
12) 1,3-Dichlorobenzene	6.787	146	154292	39.399	ng	100
13) 1,4-Dichlorobenzene	6.863	146	158793	40.180	ng	98
14) 1,2-Dichlorobenzene	7.016	146	150811	40.832	ng	99
15) Benzyl Alcohol	6.992	79	134149	41.691	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	210437	33.805	ng	57
17) 2-Methylphenol	7.110	107	115296	39.911	ng	94
18) Hexachloroethane	7.351	117	59491	39.990	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	108013	40.058	ng	99
20) 3+4-Methylphenols	7.263	107	155256	41.888	ng	# 89
22) Acetophenone	7.257	105	210857	41.178	ng	99
24) Nitrobenzene	7.434	77	171704	39.448	ng	98
25) Isophorone	7.669	82	287293	39.333	ng	99
26) 2-Nitrophenol	7.745	139	76976	41.105	ng	99
27) 2,4-Dimethylphenol	7.787	122	88287	39.404	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	173388	38.981	ng	99
29) 2,4-Dichlorophenol	7.992	162	119975	41.671	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	134909	40.604	ng	99
31) Naphthalene	8.145	128	440714	40.035	ng	99
32) Benzoic acid	7.934	122	73986	42.007	ng	99
33) 4-Chloroaniline	8.204	127	148675	40.235	ng	98
34) Hexachlorobutadiene	8.257	225	84002	41.741	ng	98
35) Caprolactam	8.586	113	35919m	41.810	ng	
36) 4-Chloro-3-methylphenol	8.692	107	138593	42.120	ng	99
37) 2-Methylnaphthalene	8.839	142	287384	41.337	ng	99
38) 1-Methylnaphthalene	8.934	142	280479	41.171	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	134652	42.343	ng	98
41) Hexachlorocyclopentadiene	8.986	237	25923	35.082	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	80657	41.600	ng	97

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44) 2,4,5-Trichlorophenol	9.169	196	89299	42.130	ng	97
46) 1,1'-Biphenyl	9.304	154	366709	40.902	ng	99
47) 2-Chloronaphthalene	9.328	162	271462	40.711	ng	99
48) 2-Nitroaniline	9.428	65	91649	40.543	ng	99
49) Acenaphthylene	9.739	152	382436	40.439	ng	99
50) Dimethylphthalate	9.604	163	308901	42.201	ng	100
51) 2,6-Dinitrotoluene	9.669	165	70661	42.775	ng	92
52) Acenaphthene	9.916	154	256252	40.308	ng	99
53) 3-Nitroaniline	9.845	138	68597	40.169	ng	98
54) 2,4-Dinitrophenol	9.957	184	40013	52.618	ng	92
55) Dibenzofuran	10.086	168	371151	41.359	ng	100
56) 4-Nitrophenol	10.016	139	55872	54.406	ng	96
57) 2,4-Dinitrotoluene	10.080	165	91807	43.560	ng	# 88
58) Fluorene	10.428	166	296606	41.505	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	70064	43.237	ng	99
60) Diethylphthalate	10.298	149	302220	43.545	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	149960	42.667	ng	97
62) 4-Nitroaniline	10.457	138	68382	42.136	ng	93
63) Azobenzene	10.580	77	308372	40.061	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	51350	43.088	ng	97
66) n-Nitrosodiphenylamine	10.539	169	249205	40.813	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	86228	40.771	ng	97
68) Hexachlorobenzene	10.975	284	92376	42.303	ng	96
69) Atrazine	11.063	200	63036	40.014	ng	99
70) Pentachlorophenol	11.175	266	49474	50.264	ng	100
71) Phenanthrene	11.392	178	406286	40.392	ng	100
72) Anthracene	11.439	178	404476	40.819	ng	99
73) Carbazole	11.598	167	347409	40.637	ng	99
74) Di-n-butylphthalate	11.922	149	431898	44.940	ng	100
75) Fluoranthene	12.574	202	386406	41.150	ng	99
77) Benzidine	12.698	184	80783	36.062	ng	99
78) Pyrene	12.804	202	388469	44.053	ng	99
80) Butylbenzylphthalate	13.416	149	118106	41.825	ng	97
81) Benzo(a)anthracene	13.992	228	255914	39.680	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	63313	38.361	ng	99
83) Chrysene	14.027	228	236378	40.624	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	151220	36.571	ng	98
85) Di-n-octyl phthalate	14.580	149	267364	34.947	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	261739	38.008	ng	96
88) Benzo(b)fluoranthene	15.039	252	232169	38.974	ng	97
89) Benzo(k)fluoranthene	15.068	252	207393	40.211	ng	98
90) Benzo(a)pyrene	15.404	252	198194	39.555	ng	97
91) Dibenzo(a,h)anthracene	16.951	278	215442	38.111	ng	97
92) Benzo(g,h,i)perylene	17.380	276	216424	36.894	ng	97

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

