

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044049.D
 Acq On : 12 Feb 2024 10:29
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Feb 12 11:28:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	429260	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1724024	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	921112	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1773250	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1481326	20.000	ng	0.00
86) Perylene-d12	23.897	264	1712598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2390854	81.008	ng	0.00
7) Phenol-d6	7.075	99	3040094	80.957	ng	0.00
23) Nitrobenzene-d5	9.081	82	2652920	81.654	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	788003	79.013	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	5304245	81.271	ng	0.00
79) Terphenyl-d14	19.945	244	6512288	77.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	481818	41.135	ng	99
3) Pyridine	3.781	79	1303827	42.163	ng	100
4) n-Nitrosodimethylamine	3.705	42	502553	42.832	ng	95
6) Aniline	7.240	93	1471698	39.859	ng	98
8) 2-Chlorophenol	7.469	128	1192015	38.676	ng	99
9) Benzaldehyde	7.057	77	765417m	39.663	ng	
10) Phenol	7.104	94	1525645	40.256	ng	100
11) bis(2-Chloroethyl)ether	7.346	93	1215839	38.741	ng	99
12) 1,3-Dichlorobenzene	7.793	146	1357746	38.801	ng	99
13) 1,4-Dichlorobenzene	7.945	146	1368777	38.806	ng	98
14) 1,2-Dichlorobenzene	8.257	146	1302296	38.748	ng	99
15) Benzyl Alcohol	8.151	79	953323	38.990	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1503618m	37.793	ng	
17) 2-Methylphenol	8.351	107	972853	39.105	ng	99
18) Hexachloroethane	8.981	117	504399	38.192	ng	99
19) n-Nitroso-di-n-propyla...	8.728	70	880316	38.177	ng	99
20) 3+4-Methylphenols	8.687	107	1315751	38.427	ng	99
22) Acetophenone	8.740	105	1766557	40.369	ng	# 99
24) Nitrobenzene	9.122	77	1350202	40.582	ng	100
25) Isophorone	9.645	82	2423759	38.742	ng	99
26) 2-Nitrophenol	9.828	139	604489	39.188	ng	98
27) 2,4-Dimethylphenol	9.887	122	780104	39.551	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	1551212	38.340	ng	99
29) 2,4-Dichlorophenol	10.357	162	1026019	39.511	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	1145113	39.216	ng	99
31) Naphthalene	10.763	128	3738209	39.287	ng	99
32) Benzoic acid	10.028	122	737466	37.117	ng	98
33) 4-Chloroaniline	10.881	127	1409409	39.117	ng	99
34) Hexachlorobutadiene	11.034	225	644912	38.586	ng	99
35) Caprolactam	11.675	113	315390	37.743	ng	99
36) 4-Chloro-3-methylphenol	11.998	107	1102099	39.194	ng	98
37) 2-Methylnaphthalene	12.375	142	2426859	38.290	ng	97
38) 1-Methylnaphthalene	12.592	142	2403135	38.586	ng	100
40) 1,2,4,5-Tetrachloroben...	12.733	216	1086478	40.580	ng	100
41) Hexachlorocyclopentadiene	12.710	237	458328	39.226	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	744013	40.833	ng	99

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 Supervised By :mohammad
 Ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	814063	40.712	ng	98
46) 1,1'-Biphenyl	13.386	154	2928620	40.293	ng	100
47) 2-Chloronaphthalene	13.427	162	2335386	40.562	ng	99
48) 2-Nitroaniline	13.639	65	688448	42.504	ng	93
49) Acenaphthylene	14.274	152	3477176	40.482	ng	100
50) Dimethylphthalate	14.022	163	2639050	38.642	ng	100
51) 2,6-Dinitrotoluene	14.145	165	591180	39.235	ng	98
52) Acenaphthene	14.616	154	2133300	40.129	ng	100
53) 3-Nitroaniline	14.469	138	650708	40.184	ng	95
54) 2,4-Dinitrophenol	14.674	184	300871	36.526	ng	99
55) Dibenzofuran	14.951	168	3269187	39.732	ng	99
56) 4-Nitrophenol	14.769	139	532519	40.454	ng	95
57) 2,4-Dinitrotoluene	14.927	165	785688	39.896	ng	99
58) Fluorene	15.604	166	2550377	40.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.174	232	613304	39.089	ng	98
60) Diethylphthalate	15.386	149	2642623	37.441	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1211592	39.327	ng	100
62) 4-Nitroaniline	15.633	138	657795	40.355	ng	97
63) Azobenzene	15.892	77	2668775	40.301	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	418813	39.636	ng	96
66) n-Nitrosodiphenylamine	15.816	169	2126816	39.478	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	665431	37.955	ng	98
68) Hexachlorobenzene	16.598	284	831317	38.709	ng	98
69) Atrazine	16.774	200	567415	38.897	ng	98
70) Pentachlorophenol	16.945	266	565201	40.455	ng	100
71) Phenanthrene	17.345	178	3714052	39.664	ng	100
72) Anthracene	17.439	178	3705669	39.974	ng	99
73) Carbazole	17.715	167	3614649	40.094	ng	99
74) Di-n-butylphthalate	18.292	149	4330062	36.951	ng	100
75) Fluoranthene	19.368	202	4239603	40.306	ng	98
77) Benzidine	19.562	184	1008363	43.803	ng	99
78) Pyrene	19.727	202	4411763	38.671	ng	100
80) Butylbenzylphthalate	20.651	149	1831549	36.117	ng	99
81) Benzo(a)anthracene	21.486	228	4042661	39.234	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1310236	38.755	ng	99
83) Chrysene	21.539	228	3831769	39.361	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2667110	35.646	ng	100
85) Di-n-octyl phthalate	22.374	149	4515384	34.554	ng	99
87) Indeno(1,2,3-cd)pyrene	26.385	276	4931136	40.682	ng	100
88) Benzo(b)fluoranthene	23.168	252	4273169	39.915	ng	99
89) Benzo(k)fluoranthene	23.221	252	3973688	39.062	ng	100
90) Benzo(a)pyrene	23.792	252	3705746	39.630	ng	99
91) Dibenzo(a,h)anthracene	26.415	278	4112239	40.559	ng	99
92) Benzo(g,h,i)perylene	27.150	276	4199473	40.840	ng	99

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

