

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
 Data File : BM035407.D
 Acq On : 07 Jun 2022 11:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/08/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 07 14:28:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	178238	20.000	ng	0.00	
21) Naphthalene-d8	10.640	136	645638	20.000	ng	# 0.00	
39) Acenaphthene-d10	14.486	164	430602	20.000	ng	0.00	
64) Phenanthrene-d10	17.227	188	919416	20.000	ng	0.00	
76) Chrysene-d12	21.421	240	1056281	20.000	ng	# 0.00	
86) Perylene-d12	23.774	264	1198089	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	723256	85.268	ng	0.00	
7) Phenol-d6	7.028	99	938211	80.975	ng	0.00	
23) Nitrobenzene-d5	9.004	82	828743	81.504	ng	0.00	
42) 2,4,6-Tribromophenol	15.980	330	573625	83.027	ng	0.00	
45) 2-Fluorobiphenyl	13.110	172	2535270	84.564	ng	0.00	
79) Terphenyl-d14	19.857	244	4029349	75.998	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.322	88	136956	48.131	ng	# 85	Qvalue
3) Pyridine	3.728	79	353079	45.503	ng	# 84	
4) n-Nitrosodimethylamine	3.634	42	127819	43.656	ng	# 55	
6) Aniline	7.169	93	510807	40.333	ng	92	
8) 2-Chlorophenol	7.410	128	423196	39.761	ng	89	
9) Benzaldehyde	6.981	77	204293	42.471	ng	88	
10) Phenol	7.052	94	450431	40.327	ng	89	
11) bis(2-Chloroethyl)ether	7.269	93	356916	39.283	ng	90	
12) 1,3-Dichlorobenzene	7.728	146	498363	40.094	ng	# 94	
13) 1,4-Dichlorobenzene	7.875	146	506243	39.669	ng	97	
14) 1,2-Dichlorobenzene	8.193	146	493987	39.474	ng	96	
15) Benzyl Alcohol	8.093	79	304369	35.950	ng	91	
16) 2,2'-oxybis(1-Chloropr...	8.375	45	418452	37.774	ng	92	
17) 2-Methylphenol	8.299	107	325178	38.509	ng	94	
18) Hexachloroethane	8.916	117	160696	38.604	ng	# 83	
19) n-Nitroso-di-n-propyla...	8.657	70	262804	35.868	ng	# 82	
20) 3+4-Methylphenols	8.628	107	445468	37.690	ng	92	
22) Acetophenone	8.669	105	583579	40.658	ng	# 89	
24) Nitrobenzene	9.046	77	373211	40.520	ng	89	
25) Isophorone	9.581	82	659924	37.524	ng	# 92	
26) 2-Nitrophenol	9.757	139	239582	39.751	ng	# 81	
27) 2,4-Dimethylphenol	9.828	122	315254	39.444	ng	96	
28) bis(2-Chloroethoxy)met...	10.057	93	466311	38.368	ng	99	
29) 2,4-Dichlorophenol	10.304	162	441180	40.482	ng	95	
30) 1,2,4-Trichlorobenzene	10.504	180	517512	41.280	ng	95	
31) Naphthalene	10.692	128	1277364	40.832	ng	100	
32) Benzoic acid	10.016	122	267944	37.478	ng	# 87	
33) 4-Chloroaniline	10.810	127	526605	40.197	ng	# 92	
34) Hexachlorobutadiene	10.981	225	335417	40.462	ng	99	
35) Caprolactam	11.610	113	121345	37.831	ng	# 68	
36) 4-Chloro-3-methylphenol	11.951	107	383034	38.124	ng	92	
37) 2-Methylnaphthalene	12.304	142	913737m	38.709	ng		
38) 1-Methylnaphthalene	12.522	142	895269	38.701	ng	# 99	
40) 1,2,4,5-Tetrachloroben...	12.681	216	601424	42.604	ng	# 95	
41) Hexachlorocyclopentadiene	12.657	237	213926	34.024	ng	99	
43) 2,4,6-Trichlorophenol	12.928	196	394634	41.417	ng	99	

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44) 2,4,5-Trichlorophenol	13.010	196	424518	41.499	ng	# 88
46) 1,1'-Biphenyl	13.316	154	1282929	41.796	ng	99
47) 2-Chloronaphthalene	13.357	162	1001122	41.806	ng	97
48) 2-Nitroaniline	13.569	65	211968	39.831	ng	# 75
49) Acenaphthylene	14.204	152	1503845	41.237	ng	99
50) Dimethylphthalate	13.951	163	1239181	39.147	ng	# 98
51) 2,6-Dinitrotoluene	14.069	165	271218	40.137	ng	# 67
52) Acenaphthene	14.551	154	908256	41.131	ng	99
53) 3-Nitroaniline	14.398	138	264706	41.267	ng	86
54) 2,4-Dinitrophenol	14.616	184	165262	35.840	ng	# 67
55) Dibenzofuran	14.880	168	1560411	41.142	ng	91
56) 4-Nitrophenol	14.733	139	189070	39.275	ng	# 71
57) 2,4-Dinitrotoluene	14.863	165	373165	40.343	ng	# 74
58) Fluorene	15.533	166	1200355	40.508	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.122	232	376633	39.996	ng	# 78
60) Diethylphthalate	15.310	149	1193894	38.139	ng	94
61) 4-Chlorophenyl-phenyle...	15.527	204	678368	39.914	ng	# 85
62) 4-Nitroaniline	15.563	138	276236	41.274	ng	# 79
63) Azobenzene	15.822	77	865632	38.946	ng	81
65) 4,6-Dinitro-2-methylph...	15.627	198	262793	42.547	ng	# 73
66) n-Nitrosodiphenylamine	15.745	169	1082572	41.725	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	455402	40.862	ng	# 83
68) Hexachlorobenzene	16.539	284	522998	41.954	ng	# 82
69) Atrazine	16.698	200	373324	39.101	ng	96
70) Pentachlorophenol	16.892	266	269136	39.500	ng	99
71) Phenanthrene	17.274	178	1919325	41.243	ng	99
72) Anthracene	17.363	178	1915320	41.312	ng	99
73) Carbazole	17.639	167	1818876	41.658	ng	97
74) Di-n-butylphthalate	18.204	149	2038467	37.597	ng	# 98
75) Fluoranthene	19.292	202	2318783	41.276	ng	98
77) Benzidine	19.480	184	821738	41.327	ng	99
78) Pyrene	19.657	202	2419945	37.780	ng	100
80) Butylbenzylphthalate	20.551	149	957546	35.194	ng	# 85
81) Benzo(a)anthracene	21.404	228	2596560	40.038	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	709239	41.588	ng	# 97
83) Chrysene	21.456	228	2490905	40.226	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1435820	35.036	ng	# 93
85) Di-n-octyl phthalate	22.245	149	2584070	36.075	ng	# 90
87) Indeno(1,2,3-cd)pyrene	26.221	276	3393226	42.694	ng	96
88) Benzo(b)fluoranthene	23.062	252	2762261	40.029	ng	99
89) Benzo(k)fluoranthene	23.109	252	2669790	37.808	ng	98
90) Benzo(a)pyrene	23.674	252	2359085	40.152	ng	98
91) Dibenzo(a,h)anthracene	26.233	278	2814829	42.432	ng	97
92) Benzo(g,h,i)perylene	26.968	276	2783117	43.496	ng	95

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

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