

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014115.D
 Acq On : 17 Mar 2023 11:33
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Mar 18 00:22:16 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 18 00:19:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	210174	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	834715	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	538055	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	1163933	20.000	ng	0.00
76) Chrysene-d12	21.551	240	961724	20.000	ng	0.00
86) Perylene-d12	24.086	264	855847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	1014410	78.274	ng	0.00
7) Phenol-d6	7.222	99	1431157	84.111	ng	0.00
23) Nitrobenzene-d5	9.240	82	1512510	82.819	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	679266	77.864	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	3254978	78.376	ng	0.00
79) Terphenyl-d14	20.004	244	4731311	81.122	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	209600	37.229	ng	95
3) Pyridine	3.875	79	616949	39.459	ng	97
4) n-Nitrosodimethylamine	3.781	42	273162	39.359	ng	96
6) Aniline	7.387	93	939392	42.029	ng	98
8) 2-Chlorophenol	7.622	128	562347	40.514	ng	95
9) Benzaldehyde	7.199	77	324590m	38.121	ng	
10) Phenol	7.252	94	751851	42.456	ng	97
11) bis(2-Chloroethyl)ether	7.481	93	609752	43.487	ng	98
12) 1,3-Dichlorobenzene	7.952	146	614205	40.268	ng	99
13) 1,4-Dichlorobenzene	8.099	146	625594	40.541	ng	98
14) 1,2-Dichlorobenzene	8.422	146	603951	40.863	ng	98
15) Benzyl Alcohol	8.311	79	603019	43.468	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.593	45	761665m	49.896	ng	
17) 2-Methylphenol	8.511	107	548408	43.422	ng	98
18) Hexachloroethane	9.152	117	239362	41.292	ng	98
19) n-Nitroso-di-n-propyla...	8.881	70	529022	47.236	ng	98
20) 3+4-Methylphenols	8.846	107	750656	44.132	ng	99
22) Acetophenone	8.899	105	957857	40.910	ng	100
24) Nitrobenzene	9.281	77	781535	41.824	ng	96
25) Isophorone	9.816	82	1423628	42.306	ng	98
26) 2-Nitrophenol	9.999	139	332456	40.902	ng	97
27) 2,4-Dimethylphenol	10.052	122	538208	40.724	ng	97
28) bis(2-Chloroethoxy)met...	10.287	93	825411	42.379	ng	99
29) 2,4-Dichlorophenol	10.534	162	579223	40.038	ng	98
30) 1,2,4-Trichlorobenzene	10.746	180	627564	38.209	ng	98
31) Naphthalene	10.940	128	1852718	40.394	ng	99
32) Benzoic acid	10.228	122	407405	37.806	ng	97
33) 4-Chloroaniline	11.052	127	815300	41.466	ng	98
34) Hexachlorobutadiene	11.216	225	440465	36.886	ng	99
35) Caprolactam	11.869	113	184351	44.518	ng	90
36) 4-Chloro-3-methylphenol	12.169	107	693165	42.961	ng	96
37) 2-Methylnaphthalene	12.540	142	1354743	40.036	ng	99
38) 1-Methylnaphthalene	12.757	142	1270842	40.290	ng	100
40) 1,2,4,5-Tetrachloroben...	12.904	216	770474	37.568	ng	100
41) Hexachlorocyclopentadiene	12.881	237	470187	36.531	ng	99
43) 2,4,6-Trichlorophenol	13.146	196	510995	39.417	ng	98

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Supervised By :Jagrut
 Padhyay

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	599188	39.887	ng	98
46) 1,1'-Biphenyl	13.540	154	1716561	39.635	ng	98
47) 2-Chloronaphthalene	13.587	162	1316386	39.484	ng	99
48) 2-Nitroaniline	13.793	65	470900	46.540	ng	97
49) Acenaphthylene	14.434	152	2147780	40.509	ng	100
50) Dimethylphthalate	14.163	163	1789175	40.307	ng	99
51) 2,6-Dinitrotoluene	14.287	165	390136	41.736	ng	97
52) Acenaphthene	14.775	154	1272854	39.881	ng	100
53) 3-Nitroaniline	14.622	138	390957	42.676	ng	94
54) 2,4-Dinitrophenol	14.822	184	256322	38.638	ng	94
55) Dibenzofuran	15.110	168	2096900	40.300	ng	98
56) 4-Nitrophenol	14.928	139	313669	42.047	ng	92
57) 2,4-Dinitrotoluene	15.075	165	533179	42.670	ng	97
58) Fluorene	15.757	166	1661348	40.211	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	505506	38.573	ng	97
60) Diethylphthalate	15.522	149	1808004	41.253	ng	100
61) 4-Chlorophenyl-phenyle...	15.745	204	912427	38.957	ng	98
62) 4-Nitroaniline	15.787	138	404698	44.366	ng	91
63) Azobenzene	16.040	77	1805572	44.522	ng	96
65) 4,6-Dinitro-2-methylph...	15.840	198	350591	40.666	ng	99
66) n-Nitrosodiphenylamine	15.963	169	1481795	40.289	ng	98
67) 4-Bromophenyl-phenylether	16.645	248	581268	37.755	ng	98
68) Hexachlorobenzene	16.763	284	624852	37.864	ng	98
69) Atrazine	16.922	200	511676	39.625	ng	99
70) Pentachlorophenol	17.116	266	469373	39.437	ng	99
71) Phenanthrene	17.510	178	2574118	39.588	ng	100
72) Anthracene	17.604	178	2638754	39.717	ng	99
73) Carbazole	17.869	167	2317819	40.443	ng	100
74) Di-n-butylphthalate	18.398	149	2988258	41.703	ng	99
75) Fluoranthene	19.463	202	3009073	38.717	ng	98
77) Benzidine	19.645	184	695962	34.651	ng	100
78) Pyrene	19.822	202	3056311	41.405	ng	100
80) Butylbenzylphthalate	20.675	149	1241783	44.373	ng	98
81) Benzo(a)anthracene	21.533	228	2803426	39.728	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	892677	39.536	ng	99
83) Chrysene	21.592	228	2636057	39.447	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1729533	42.128	ng	98
85) Di-n-octyl phthalate	22.398	149	2618887	39.298	ng	98
87) Indeno(1,2,3-cd)pyrene	26.762	276	2422634	36.635	ng	98
88) Benzo(b)fluoranthene	23.310	252	2342038	41.791	ng	99
89) Benzo(k)fluoranthene	23.363	252	2352971	42.347	ng	100
90) Benzo(a)pyrene	23.974	252	2166138	40.524	ng	99
91) Dibenzo(a,h)anthracene	26.780	278	2024118	36.818	ng	99
92) Benzo(g,h,i)perylene	27.586	276	1968355	36.128	ng	99

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Supervised By :Jagrut
 Upadhyay

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

