

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030123\
 Data File : BP013913.D
 Acq On : 01 Mar 2023 10:53
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

 Reviewed By :Yogesh
 Patel

Quant Time: Mar 02 04:28:15 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Mar 02 04:26:35 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	111198	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	399068	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	266788	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	620266	20.000	ng	0.00
76) Chrysene-d12	21.569	240	658008	20.000	ng	# 0.00
86) Perylene-d12	24.110	264	784235	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	539512	79.963	ng	0.00
7) Phenol-d6	7.252	99	703331	81.394	ng	0.00
23) Nitrobenzene-d5	9.269	82	707907	95.791	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	388826	100.121	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1691675	83.286	ng	0.00
79) Terphenyl-d14	20.022	244	2969735	86.834	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.481	88	112668	38.419	ng	98
3) Pyridine	3.899	79	318105	40.238	ng	99
4) n-Nitrosodimethylamine	3.805	42	137688	46.474	ng	87
6) Aniline	7.416	93	458276	40.817	ng	97
8) 2-Chlorophenol	7.658	128	290063	40.758	ng	98
9) Benzaldehyde	7.228	77	168443	40.973	ng	98
10) Phenol	7.275	94	367084	40.813	ng	93
11) bis(2-Chloroethyl)ether	7.510	93	287544	39.947	ng	95
12) 1,3-Dichlorobenzene	7.981	146	323591	40.437	ng	96
13) 1,4-Dichlorobenzene	8.134	146	328650	40.658	ng	99
14) 1,2-Dichlorobenzene	8.452	146	312502	41.415	ng	99
15) Benzyl Alcohol	8.340	79	286218	47.210	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.622	45	311020m	40.450	ng	
17) 2-Methylphenol	8.540	107	265132	43.318	ng	95
18) Hexachloroethane	9.187	117	122121	43.130	ng	95
19) n-Nitroso-di-n-propyla...	8.910	70	242843	48.017	ng	99
20) 3+4-Methylphenols	8.869	107	362792	44.039	ng	97
22) Acetophenone	8.928	105	461960	45.895	ng	# 97
24) Nitrobenzene	9.316	77	356850	46.272	ng	99
25) Isophorone	9.840	82	666680	46.813	ng	99
26) 2-Nitrophenol	10.028	139	163291	45.110	ng	91
27) 2,4-Dimethylphenol	10.081	122	265553	44.587	ng	98
28) bis(2-Chloroethoxy)met...	10.322	93	382060	42.026	ng	99
29) 2,4-Dichlorophenol	10.563	162	292533	45.780	ng	99
30) 1,2,4-Trichlorobenzene	10.781	180	323402	43.129	ng	97
31) Naphthalene	10.975	128	906041	41.411	ng	99
32) Benzoic acid	10.210	122	200894	43.330	ng	95
33) 4-Chloroaniline	11.081	127	401578	43.710	ng	96
34) Hexachlorobutadiene	11.251	225	234834	47.127	ng	98
35) Caprolactam	11.875	113	91523	44.861	ng	96
36) 4-Chloro-3-methylphenol	12.193	107	327086	45.937	ng	96
37) 2-Methylnaphthalene	12.569	142	676670	42.725	ng	97
38) 1-Methylnaphthalene	12.787	142	630474	42.534	ng	99
40) 1,2,4,5-Tetrachloroben...	12.934	216	407249	42.327	ng	99
41) Hexachlorocyclopentadiene	12.910	237	242528	47.455	ng	98
43) 2,4,6-Trichlorophenol	13.175	196	268483	44.607	ng	97

03/02/2023

 Supervised By :Jagrut
 padhyay

03/03/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.245	196	318886	44.577	ng	98
46) 1,1'-Biphenyl	13.569	154	876166	40.632	ng	98
47) 2-Chloronaphthalene	13.616	162	670334	40.804	ng	99
48) 2-Nitroaniline	13.816	65	205696	44.347	ng	96
49) Acenaphthylene	14.457	152	1093253	42.217	ng	99
50) Dimethylphthalate	14.187	163	938124	43.213	ng	99
51) 2,6-Dinitrotoluene	14.310	165	201834	42.752	ng	98
52) Acenaphthene	14.798	154	650506	41.280	ng	97
53) 3-Nitroaniline	14.640	138	201422	41.085	ng	99
54) 2,4-Dinitrophenol	14.839	184	133411	45.203	ng	91
55) Dibenzofuran	15.134	168	1091000	41.609	ng	97
56) 4-Nitrophenol	14.940	139	162469	41.867	ng	85
57) 2,4-Dinitrotoluene	15.092	165	279508	43.962	ng	94
58) Fluorene	15.781	166	870426	42.338	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.357	232	283976	46.112	ng	99
60) Diethylphthalate	15.545	149	950345	44.893	ng	100
61) 4-Chlorophenyl-phenyle...	15.769	204	488765	43.877	ng	99
62) 4-Nitroaniline	15.804	138	209844	41.657	ng	85
63) Azobenzene	16.063	77	844130	44.074	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	187144	43.284	ng	97
66) n-Nitrosodiphenylamine	15.986	169	781918	41.619	ng	100
67) 4-Bromophenyl-phenylether	16.669	248	323804	44.229	ng	97
68) Hexachlorobenzene	16.786	284	353446	44.227	ng	100
69) Atrazine	16.933	200	290322	45.323	ng	98
70) Pentachlorophenol	17.134	266	273088	46.349	ng	97
71) Phenanthrene	17.533	178	1424775	41.003	ng	100
72) Anthracene	17.622	178	1451962	41.789	ng	99
73) Carbazole	17.886	167	1297470	41.479	ng	99
74) Di-n-butylphthalate	18.416	149	1672835	45.645	ng	99
75) Fluoranthene	19.480	202	1795126	41.441	ng	98
77) Benzidine	19.657	184	624683	46.528	ng	99
78) Pyrene	19.833	202	1868305	41.549	ng	100
80) Butylbenzylphthalate	20.686	149	771236	48.257	ng	98
81) Benzo(a)anthracene	21.551	228	1965909	41.722	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	672305	45.352	ng	99
83) Chrysene	21.604	228	1871870	41.008	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	1195328	47.972	ng	99
85) Di-n-octyl phthalate	22.416	149	2119404	47.735	ng	100
87) Indeno(1,2,3-cd)pyrene	26.804	276	2580789	42.303	ng	95
88) Benzo(b)fluoranthene	23.327	252	2097118	42.282	ng	98
89) Benzo(k)fluoranthene	23.380	252	2018874	40.099	ng	99
90) Benzo(a)pyrene	23.998	252	2013455	41.990	ng	99
91) Dibenzo(a,h)anthracene	26.815	278	2158316	42.226	ng	98
92) Benzo(g,h,i)perylene	27.627	276	2117275	41.891	ng	96

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 Upadhyay

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

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