

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
 Data File : BP008243.D
 Acq On : 07 Dec 2021 10:02
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021

Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 08 01:06:28 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 03 14:39:24 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	70989	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	266891	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	173438	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	371923	20.000	ng	0.00
76) Chrysene-d12	21.310	240	389426	20.000	ng	0.00
86) Perylene-d12	23.704	264	424088	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	359327	81.499	ng	0.00
7) Phenol-d6	6.975	99	487942	81.982	ng	-0.01
23) Nitrobenzene-d5	8.952	82	487740	83.102	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	197073	88.899	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	985781	82.559	ng	-0.01
79) Terphenyl-d14	19.775	244	1616570	86.756	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	77750	37.798	ng	97
3) Pyridine	3.687	79	226834	41.317	ng	97
4) n-Nitrosodimethylamine	3.599	42	93643	40.894	ng	93
6) Aniline	7.116	93	285834	40.969	ng	97
8) 2-Chlorophenol	7.358	128	184489	40.876	ng	98
9) Benzaldehyde	6.928	77	139603	42.637	ng	98
10) Phenol	7.005	94	247091	40.399	ng	98
11) bis(2-Chloroethyl)ether	7.216	93	195779	40.048	ng	99
12) 1,3-Dichlorobenzene	7.675	146	207779	39.883	ng	98
13) 1,4-Dichlorobenzene	7.822	146	210790	39.908	ng	96
14) 1,2-Dichlorobenzene	8.140	146	206063	39.228	ng	99
15) Benzyl Alcohol	8.040	79	198627	42.121	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	281773	38.199	ng	98
17) 2-Methylphenol	8.246	107	162810	40.916	ng	97
18) Hexachloroethane	8.857	117	78535	39.988	ng	98
19) n-Nitroso-di-n-propyla...	8.599	70	163214	39.631	ng	97
20) 3+4-Methylphenols	8.575	107	223615	40.719	ng	97
22) Acetophenone	8.616	105	299170	40.981	ng	# 98
24) Nitrobenzene	8.993	77	231476	40.668	ng	97
25) Isophorone	9.522	82	416642	40.576	ng	99
26) 2-Nitrophenol	9.704	139	104146	42.409	ng	98
27) 2,4-Dimethylphenol	9.775	122	147785	40.239	ng	99
28) bis(2-Chloroethoxy)met...	10.004	93	255785	39.086	ng	99
29) 2,4-Dichlorophenol	10.251	162	183002	41.720	ng	100
30) 1,2,4-Trichlorobenzene	10.451	180	210684	41.382	ng	99
31) Naphthalene	10.634	128	546392	39.964	ng	100
32) Benzoic acid	9.963	122	116068	38.634	ng	98
33) 4-Chloroaniline	10.751	127	228939	40.363	ng	98
34) Hexachlorobutadiene	10.922	225	148697	42.678	ng	97
35) Caprolactam	11.563	113	39828	40.876	ng	97
36) 4-Chloro-3-methylphenol	11.898	107	206270	41.136	ng	95
37) 2-Methylnaphthalene	12.251	142	374955	38.776	ng	98
38) 1-Methylnaphthalene	12.475	142	368559	39.157	ng	98
40) 1,2,4,5-Tetrachloroben...	12.628	216	240802	42.742	ng	99
41) Hexachlorocyclopentadiene	12.604	237	81493	37.624	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	157723	41.321	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	164273	40.163	ng	97
46) 1,1'-Biphenyl	13.269	154	504261	40.073	ng	99
47) 2-Chloronaphthalene	13.310	162	402447	40.497	ng	97
48) 2-Nitroaniline	13.522	65	148149	43.262	ng	99
49) Acenaphthylene	14.157	152	613131	39.993	ng	99
50) Dimethylphthalate	13.904	163	525022	40.312	ng	99
51) 2,6-Dinitrotoluene	14.022	165	111223	41.149	ng	96
52) Acenaphthene	14.504	154	363719	39.809	ng	99
53) 3-Nitroaniline	14.357	138	113832	41.556	ng	100
54) 2,4-Dinitrophenol	14.581	184	65154	40.769	ng	96
55) Dibenzofuran	14.839	168	618939	39.643	ng	98
56) 4-Nitrophenol	14.704	139	78960	37.607	ng	89
57) 2,4-Dinitrotoluene	14.822	165	154080	41.538	ng	97
58) Fluorene	15.492	166	481137	37.929	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	147606m	40.583	ng	
60) Diethylphthalate	15.269	149	519262	40.177	ng	100
61) 4-Chlorophenyl-phenyle...	15.486	204	265528	38.162	ng	98
62) 4-Nitroaniline	15.528	138	120254	42.307	ng	93
63) Azobenzene	15.781	77	529813	40.077	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	102493	42.132	ng	100
66) n-Nitrosodiphenylamine	15.704	169	427206	39.654	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	172701	41.758	ng	99
68) Hexachlorobenzene	16.510	284	188422	42.621	ng	95
69) Atrazine	16.669	200	110805	39.629	ng	97
70) Pentachlorophenol	16.863	266	90731	34.515	ng	100
71) Phenanthrene	17.245	178	771217	39.274	ng	99
72) Anthracene	17.339	178	773557	39.695	ng	100
73) Carbazole	17.616	167	749146	39.380	ng	99
74) Di-n-butylphthalate	18.169	149	894146	37.547	ng	100
75) Fluoranthene	19.222	202	969303	36.642	ng	99
77) Benzidine	19.404	184	258808	48.449	ng	97
78) Pyrene	19.575	202	993238	40.219	ng	99
80) Butylbenzylphthalate	20.451	149	426795	38.487	ng	98
81) Benzo(a)anthracene	21.292	228	1018003	39.443	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	464408	38.191	ng	99
83) Chrysene	21.345	228	976720	39.769	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	587819	34.913	ng	99
85) Di-n-octyl phthalate	22.145	149	1064129	37.205	ng	99
87) Indeno(1,2,3-cd)pyrene	26.215	276	1274668	41.314	ng	97
88) Benzo(b)fluoranthene	22.980	252	1038168	40.607	ng	99
89) Benzo(k)fluoranthene	23.027	252	983119	39.278	ng	99
90) Benzo(a)pyrene	23.604	252	878915	40.224	ng	98
91) Dibenzo(a,h)anthracene	26.227	278	1063122	41.490	ng	98
92) Benzo(g,h,i)perylene	26.980	276	1043940	40.385	ng	96

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

