

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008274.D
 Acq On : 08 Dec 2021 10:44
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 01:17:41 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	7.775	152	65149	20.000	ng	-0.02
21) Naphthalene-d8	10.575	136	238040	20.000	ng	-0.02
39) Acenaphthene-d10	14.428	164	156337	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	337310	20.000	ng	-0.02
76) Chrysene-d12	21.304	240	360532	20.000	ng	-0.01
86) Perylene-d12	23.704	264	390066	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	334181	82.590	ng	-0.02
7) Phenol-d6	6.963	99	445394	81.541	ng	-0.02
23) Nitrobenzene-d5	8.940	82	441526	84.345	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	182887	91.524	ng	-0.02
45) 2-Fluorobiphenyl	13.051	172	915357	85.046	ng	-0.02
79) Terphenyl-d14	19.774	244	1488593	86.290	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	74616	39.527	ng	99
3) Pyridine	3.681	79	207465	41.177	ng	97
4) n-Nitrosodimethylamine	3.593	42	85967	40.907	ng	93
6) Aniline	7.110	93	257782	40.261	ng	96
8) 2-Chlorophenol	7.346	128	169023	40.806	ng	99
9) Benzaldehyde	6.922	77	124844	41.420	ng	99
10) Phenol	6.993	94	227410	40.514	ng	98
11) bis(2-Chloroethyl)ether	7.205	93	175028	39.012	ng	98
12) 1,3-Dichlorobenzene	7.663	146	191376	40.028	ng	98
13) 1,4-Dichlorobenzene	7.810	146	196774	40.594	ng	96
14) 1,2-Dichlorobenzene	8.128	146	188209	39.041	ng	97
15) Benzyl Alcohol	8.028	79	181660	41.976	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	256162	37.840	ng	98
17) 2-Methylphenol	8.240	107	149553	40.954	ng	98
18) Hexachloroethane	8.852	117	71948	39.918	ng	96
19) n-Nitroso-di-n-propyla...	8.593	70	146061	38.645	ng	98
20) 3+4-Methylphenols	8.569	107	204090	40.495	ng	98
22) Acetophenone	8.604	105	275357	42.291	ng	# 99
24) Nitrobenzene	8.981	77	210882	41.540	ng	98
25) Isophorone	9.516	82	371311	40.544	ng	99
26) 2-Nitrophenol	9.693	139	92567	42.262	ng	95
27) 2,4-Dimethylphenol	9.769	122	133558	40.773	ng	98
28) bis(2-Chloroethoxy)met...	9.993	93	230305	39.457	ng	99
29) 2,4-Dichlorophenol	10.240	162	165693	42.352	ng	97
30) 1,2,4-Trichlorobenzene	10.440	180	191451	42.162	ng	98
31) Naphthalene	10.622	128	493292	40.453	ng	100
32) Benzoic acid	9.951	122	109206	40.756	ng	98
33) 4-Chloroaniline	10.746	127	205270	40.577	ng	97
34) Hexachlorobutadiene	10.910	225	138210	44.476	ng	95
35) Caprolactam	11.551	113	35353	40.681	ng	98
36) 4-Chloro-3-methylphenol	11.893	107	188929	42.244	ng	95
37) 2-Methylnaphthalene	12.240	142	343647	39.846	ng	99
38) 1-Methylnaphthalene	12.463	142	338880	40.367	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	220931	43.504	ng	99
41) Hexachlorocyclopentadiene	12.592	237	73812	37.805	ng	99
43) 2,4,6-Trichlorophenol	12.869	196	144096	41.880	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	157037	42.594	ng	98
46) 1,1'-Biphenyl	13.263	154	464286	40.932	ng	97
47) 2-Chloronaphthalene	13.304	162	371317	41.452	ng	100
48) 2-Nitroaniline	13.516	65	132847	43.037	ng	99
49) Acenaphthylene	14.151	152	557608	40.350	ng	99
50) Dimethylphthalate	13.898	163	473503	40.333	ng	100
51) 2,6-Dinitrotoluene	14.016	165	101415	41.624	ng	99
52) Acenaphthene	14.498	154	328913	39.938	ng	100
53) 3-Nitroaniline	14.351	138	102224	41.400	ng	98
54) 2,4-Dinitrophenol	14.575	184	54599	37.901	ng	94
55) Dibenzofuran	14.834	168	558057	39.653	ng	99
56) 4-Nitrophenol	14.692	139	67583	35.710	ng	90
57) 2,4-Dinitrotoluene	14.816	165	139592	41.748	ng	93
58) Fluorene	15.486	166	441892	38.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	134457m	41.012	ng	
60) Diethylphthalate	15.263	149	471409	40.464	ng	99
61) 4-Chlorophenyl-phenyle...	15.481	204	246161	39.249	ng	100
62) 4-Nitroaniline	15.522	138	106509	41.570	ng	91
63) Azobenzene	15.775	77	473017	39.694	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	91643	41.538	ng	98
66) n-Nitrosodiphenylamine	15.698	169	392734	40.195	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	158719	42.315	ng	98
68) Hexachlorobenzene	16.504	284	173343	43.234	ng	93
69) Atrazine	16.663	200	97086	38.285	ng	99
70) Pentachlorophenol	16.857	266	82282	34.512	ng	98
71) Phenanthrene	17.239	178	707036	39.700	ng	100
72) Anthracene	17.328	178	703857	39.824	ng	99
73) Carbazole	17.610	167	674748	39.109	ng	99
74) Di-n-butylphthalate	18.163	149	801926	37.130	ng	100
75) Fluoranthene	19.222	202	864434	36.031	ng	98
77) Benzidine	19.404	184	212257	42.919	ng	97
78) Pyrene	19.574	202	902920	39.443	ng	99
80) Butylbenzylphthalate	20.451	149	380633	37.075	ng	99
81) Benzo(a)anthracene	21.292	228	943950	39.505	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	450950	40.056	ng	98
83) Chrysene	21.345	228	897644	39.478	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	544729	34.946	ng	100
85) Di-n-octyl phthalate	22.139	149	973453	36.762	ng	99
87) Indeno(1,2,3-cd)pyrene	26.204	276	1169553	41.214	ng	96
88) Benzo(b)fluoranthene	22.974	252	944888	40.182	ng	99
89) Benzo(k)fluoranthene	23.021	252	919649	39.947	ng	98
90) Benzo(a)pyrene	23.598	252	808680	40.237	ng	98
91) Dibenzo(a,h)anthracene	26.215	278	977949	41.495	ng	97
92) Benzo(g,h,i)perylene	26.974	276	969232	40.765	ng	96

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

