

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020422\
 Data File : BP009029.D
 Acq On : 04 Feb 2022 09:24
 Operator : CG/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2022
 Supervised By : mohammad ahmed 02/10/2022

Quant Time: Feb 04 13:29:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 04 13:28:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	177261	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	669255	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	421760	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	798615	20.000	ng	0.00
76) Chrysene-d12	21.310	240	674750	20.000	ng	0.00
86) Perylene-d12	23.710	264	736624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	107927	9.415	ng	0.01
7) Phenol-d6	6.999	99	137862	9.932	ng	0.00
23) Nitrobenzene-d5	8.975	82	120897	10.256	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	50635	8.248	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	334757	10.467	ng	0.00
79) Terphenyl-d14	19.780	244	389645	9.747	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.311	88	19687	4.243	ng	98
3) Pyridine	3.722	79	53377	5.493	ng	# 84
4) n-Nitrosodimethylamine	3.628	42	20158	4.422	ng	# 65
6) Aniline	7.146	93	74714	4.313	ng	95
8) 2-Chlorophenol	7.387	128	60501	4.956	ng	97
9) Benzaldehyde	6.963	77	34243m	3.691	ng	
10) Phenol	7.028	94	67948	4.802	ng	97
11) bis(2-Chloroethyl)ether	7.240	93	54560	4.846	ng	96
12) 1,3-Dichlorobenzene	7.704	146	73028	5.023	ng	98
13) 1,4-Dichlorobenzene	7.852	146	74175	5.034	ng	99
14) 1,2-Dichlorobenzene	8.163	146	71474	5.087	ng	99
15) Benzyl Alcohol	8.075	79	36220m	3.719	ng	
16) 2,2'-oxybis(1-Chloropr...	8.346	45	61845	4.912	ng	97
17) 2-Methylphenol	8.275	107	45247	4.773	ng	# 95
18) Hexachloroethane	8.887	117	24492	4.897	ng	93
19) n-Nitroso-di-n-propyla...	8.622	70	38456	4.739	ng	95
20) 3+4-Methylphenols	8.616	107	59814	4.753	ng	95
22) Acetophenone	8.640	105	83207	4.881	ng	# 94
24) Nitrobenzene	9.016	77	56922	4.780	ng	92
25) Isophorone	9.546	82	96617	4.535	ng	100
26) 2-Nitrophenol	9.740	139	26626	4.253	ng	93
27) 2,4-Dimethylphenol	9.810	122	43324	4.059	ng	98
28) bis(2-Chloroethoxy)met...	10.034	93	67999	4.891	ng	97
29) 2,4-Dichlorophenol	10.298	162	51701	4.439	ng	98
30) 1,2,4-Trichlorobenzene	10.475	180	67769	4.967	ng	99
31) Naphthalene	10.663	128	183554	5.050	ng	98
33) 4-Chloroaniline	10.798	127	65276	4.407	ng	97
34) Hexachlorobutadiene	10.951	225	41681	4.890	ng	99
35) Caprolactam	11.575	113	12432	3.872	ng	84
36) 4-Chloro-3-methylphenol	11.934	107	46178	4.395	ng	97
37) 2-Methylnaphthalene	12.281	142	123633	4.653	ng	98
38) 1-Methylnaphthalene	12.498	142	123839	5.077	ng	97
40) 1,2,4,5-Tetrachloroben...	12.651	216	71796	4.669	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	42460	4.466	ng	99
44) 2,4,5-Trichlorophenol	12.992	196	46709	4.564	ng	98
46) 1,1'-Biphenyl	13.287	154	166638	4.856	ng	99

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47) 2-Chloronaphthalene	13.328	162	133306	5.038	ng	100
48) 2-Nitroaniline	13.551	65	24740	4.211	ng	88
49) Acenaphthylene	14.175	152	191213	4.783	ng	99
50) Dimethylphthalate	13.916	163	150635	4.809	ng	99
51) 2,6-Dinitrotoluene	14.039	165	27954	4.208	ng	# 88
52) Acenaphthene	14.522	154	118317	4.990	ng	99
53) 3-Nitroaniline	14.386	138	27382	4.191	ng	88
55) Dibenzofuran	14.857	168	201149	5.207	ng	97
57) 2,4-Dinitrotoluene	14.839	165	31533	3.690	ng	# 71
58) Fluorene	15.510	166	151345	4.960	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	38770	4.599	ng	# 89
60) Diethylphthalate	15.281	149	135367	4.555	ng	97
61) 4-Chlorophenyl-phenyle...	15.504	204	82368	4.955	ng	98
62) 4-Nitroaniline	15.557	138	24709m	3.905	ng	
63) Azobenzene	15.798	77	113345	4.593	ng	94
66) n-Nitrosodiphenylamine	15.722	169	127023	4.942	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	46887	4.702	ng	97
68) Hexachlorobenzene	16.522	284	54161	4.740	ng	95
69) Atrazine	16.680	200	36996	3.873	ng	97
70) Pentachlorophenol	16.892	266	21680	3.562	ng	92
71) Phenanthrene	17.257	178	232092	5.162	ng	99
72) Anthracene	17.351	178	213085	4.724	ng	99
73) Carbazole	17.633	167	199109	5.134	ng	98
74) Di-n-butylphthalate	18.175	149	182761	3.916	ng	99
75) Fluoranthene	19.227	202	235298	4.706	ng	96
77) Benzidine	19.427	184	72447	3.039	ng	98
78) Pyrene	19.580	202	246154	5.228	ng	98
80) Butylbenzylphthalate	20.457	149	71623	3.783	ng	99
81) Benzo(a)anthracene	21.292	228	230273	5.073	ng	98
82) 3,3'-Dichlorobenzidine	21.233	252	80804	4.120	ng	99
83) Chrysene	21.345	228	230582	5.240	ng	97
84) Bis(2-ethylhexyl)phtha...	21.221	149	99606	3.397	ng	96
85) Di-n-octyl phthalate	22.139	149	168062	3.388	ng	97
87) Indeno(1,2,3-cd)pyrene	26.209	276	309172	5.094	ng	97
88) Benzo(b)fluoranthene	22.980	252	223598	4.545	ng	97
89) Benzo(k)fluoranthene	23.027	252	225318	4.732	ng	99
90) Benzo(a)pyrene	23.604	252	192844	4.061	ng	98
91) Dibenzo(a,h)anthracene	26.233	278	252655	4.895	ng	97
92) Benzo(g,h,i)perylene	26.974	276	259477	5.149	ng	99

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

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