

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008393.D
 Acq On : 14 Dec 2021 14:35
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/15/2021
 Supervised By : Jagrut Upadhyay 12/15/2021

Quant Time: Dec 14 16:53:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 16:50:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	69947	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	274394	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	175830	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	332952	20.000	ng	0.00
76) Chrysene-d12	21.268	240	268357	20.000	ng	0.00
86) Perylene-d12	23.639	264	283138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	180679	41.590	ng	0.00
7) Phenol-d6	6.940	99	247487	42.201	ng	0.00
23) Nitrobenzene-d5	8.910	82	261109	43.272	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	100303	44.631	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	545798	45.089	ng	0.00
79) Terphenyl-d14	19.733	244	642955	50.072	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	37557	18.530	ng	94
3) Pyridine	3.652	79	108321	20.024	ng	94
4) n-Nitrosodimethylamine	3.564	42	42946	19.034	ng	# 91
6) Aniline	7.081	93	142423	20.718	ng	95
8) 2-Chlorophenol	7.316	128	93058	20.925	ng	97
9) Benzaldehyde	6.893	77	78994	20.280	ng	100
10) Phenol	6.969	94	124853	20.717	ng	96
11) bis(2-Chloroethyl)ether	7.175	93	100522	20.869	ng	98
12) 1,3-Dichlorobenzene	7.634	146	106894	20.824	ng	99
13) 1,4-Dichlorobenzene	7.781	146	107857	20.724	ng	99
14) 1,2-Dichlorobenzene	8.093	146	105334	20.351	ng	99
15) Benzyl Alcohol	8.004	79	99542	21.423	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.281	45	145990	20.086	ng	96
17) 2-Methylphenol	8.210	107	83127	21.202	ng	97
18) Hexachloroethane	8.816	117	40994	21.184	ng	90
19) n-Nitroso-di-n-propyla...	8.557	70	91849	22.634	ng	97
20) 3+4-Methylphenols	8.546	107	115026	21.258	ng	96
22) Acetophenone	8.575	105	165205	22.011	ng	# 99
24) Nitrobenzene	8.951	77	121263	20.722	ng	95
25) Isophorone	9.481	82	220130	20.852	ng	97
26) 2-Nitrophenol	9.663	139	52790	20.908	ng	# 93
27) 2,4-Dimethylphenol	9.740	122	76956	20.381	ng	98
28) bis(2-Chloroethoxy)met...	9.963	93	136791	20.331	ng	99
29) 2,4-Dichlorophenol	10.222	162	92845	20.588	ng	96
30) 1,2,4-Trichlorobenzene	10.410	180	109484	20.917	ng	99
31) Naphthalene	10.593	128	288321	20.512	ng	99
32) Benzoic acid	9.928	122	52261	16.920	ng	98
33) 4-Chloroaniline	10.716	127	117321	20.119	ng	96
34) Hexachlorobutadiene	10.875	225	79813	22.281	ng	97
35) Caprolactam	11.528	113	18110	18.078	ng	# 90
36) 4-Chloro-3-methylphenol	11.869	107	106834	20.723	ng	96
37) 2-Methylnaphthalene	12.210	142	199275	20.044	ng	98
38) 1-Methylnaphthalene	12.428	142	195483	20.201	ng	97
40) 1,2,4,5-Tetrachloroben...	12.587	216	132576	23.212	ng	98
41) Hexachlorocyclopentadiene	12.557	237	18877	8.597	ng	99
43) 2,4,6-Trichlorophenol	12.840	196	83346	21.538	ng	99

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44) 2,4,5-Trichlorophenol	12.934	196	86594	20.883	ng	97
46) 1,1'-Biphenyl	13.228	154	264703	20.749	ng	99
47) 2-Chloronaphthalene	13.269	162	212498	21.092	ng	98
48) 2-Nitroaniline	13.492	65	72633	20.921	ng	97
49) Acenaphthylene	14.122	152	316891	20.389	ng	99
50) Dimethylphthalate	13.863	163	266073	20.152	ng	100
51) 2,6-Dinitrotoluene	13.987	165	55561	20.276	ng	98
52) Acenaphthene	14.463	154	186501	20.135	ng	98
53) 3-Nitroaniline	14.322	138	52128	18.771	ng	98
54) 2,4-Dinitrophenol	14.563	184	25012	15.438	ng	98
55) Dibenzofuran	14.798	168	319973	20.215	ng	97
56) 4-Nitrophenol	14.698	139	25663	12.057	ng	86
57) 2,4-Dinitrotoluene	14.792	165	72957	19.401	ng	# 81
58) Fluorene	15.457	166	246674	19.181	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	74171m	20.115	ng	
60) Diethylphthalate	15.234	149	248508	18.966	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	141035	19.994	ng	99
62) 4-Nitroaniline	15.498	138	45531	15.800	ng	91
63) Azobenzene	15.745	77	259106	19.333	ng	97
65) 4,6-Dinitro-2-methylph...	15.569	198	42365	19.454	ng	92
66) n-Nitrosodiphenylamine	15.669	169	212060	21.987	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	87318	23.584	ng	96
68) Hexachlorobenzene	16.469	284	96027	24.264	ng	96
69) Atrazine	16.633	200	46879	18.728	ng	100
70) Pentachlorophenol	16.833	266	40126	17.051	ng	98
71) Phenanthrene	17.204	178	360123	20.486	ng	99
72) Anthracene	17.298	178	358086	20.526	ng	100
73) Carbazole	17.580	167	321232	18.862	ng	99
74) Di-n-butylphthalate	18.127	149	359986	16.886	ng	100
75) Fluoranthene	19.186	202	389116	16.431	ng	97
77) Benzidine	19.380	184	60240	16.365	ng	97
78) Pyrene	19.539	202	394669	20.348	ng	99
80) Butylbenzylphthalate	20.416	149	140135	18.338	ng	100
81) Benzo(a)anthracene	21.257	228	360400	20.264	ng	99
82) 3,3'-Dichlorobenzidine	21.192	252	170310	20.324	ng	99
83) Chrysene	21.304	228	342594	20.243	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	192275	16.572	ng	# 99
85) Di-n-octyl phthalate	22.086	149	328278	16.656	ng	100
87) Indeno(1,2,3-cd)pyrene	26.104	276	444483	21.578	ng	96
88) Benzo(b)fluoranthene	22.915	252	334466	19.595	ng	99
89) Benzo(k)fluoranthene	22.963	252	342982	20.525	ng	99
90) Benzo(a)pyrene	23.533	252	291110	19.955	ng	98
91) Dibenzo(a,h)anthracene	26.121	278	369293	21.587	ng	# 96
92) Benzo(g,h,i)perylene	26.868	276	369713	21.422	ng	# 96

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

