

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
 Data File : BP006475.D
 Acq On : 03 Aug 2021 11:55
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

mohammad
 8/4/2021 3:45:53 PM

Quant Time: Aug 03 13:20:07 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 13:16:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	236609	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	981220	20.000	ng	# 0.00
39) Acenaphthene-d10	14.386	164	565216	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1105041	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	1055176	20.000	ng	# 0.00
86) Perylene-d12	23.568	264	1073028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	644265	42.463	ng	0.00
7) Phenol-d6	6.934	99	920114	42.955	ng	0.00
23) Nitrobenzene-d5	8.916	82	885061	42.526	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	240055	41.536	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	1576722	41.813	ng	0.00
79) Terphenyl-d14	19.716	244	2211981	42.211	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	141087	20.984	ng	88
3) Pyridine	3.705	79	411967	21.217	ng	95
4) n-Nitrosodimethylamine	3.616	42	155998	21.270	ng	# 86
6) Aniline	7.093	93	494457	21.117	ng	93
8) 2-Chlorophenol	7.322	128	348980	21.263	ng	90
9) Benzaldehyde	6.910	77	295476m	22.011	ng	
10) Phenol	6.963	94	460376	21.330	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	350940	21.242	ng	90
12) 1,3-Dichlorobenzene	7.646	146	364276	21.031	ng	95
13) 1,4-Dichlorobenzene	7.793	146	369700	21.098	ng	97
14) 1,2-Dichlorobenzene	8.110	146	354964	21.081	ng	96
15) Benzyl Alcohol	8.004	79	345502	21.540	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.299	45	424188	21.757	ng	92
17) 2-Methylphenol	8.204	107	292151	21.635	ng	99
18) Hexachloroethane	8.828	117	147336	21.456	ng	89
19) n-Nitroso-di-n-propyla...	8.569	70	313936	22.104	ng	95
20) 3+4-Methylphenols	8.528	107	398266	21.625	ng	95
22) Acetophenone	8.581	105	542005	20.950	ng	# 97
24) Nitrobenzene	8.957	77	460411	21.313	ng	91
25) Isophorone	9.481	82	799508	21.516	ng	94
26) 2-Nitrophenol	9.663	139	163703	21.169	ng	90
27) 2,4-Dimethylphenol	9.728	122	283993	21.460	ng	97
28) bis(2-Chloroethoxy)met...	9.969	93	428576	21.093	ng	# 98
29) 2,4-Dichlorophenol	10.193	162	282024	21.081	ng	95
30) 1,2,4-Trichlorobenzene	10.404	180	303563	20.893	ng	97
31) Naphthalene	10.593	128	1095557	20.959	ng	100
32) Benzoic acid	9.834	122	192775	19.186	ng	90
33) 4-Chloroaniline	10.710	127	439085	21.012	ng	95
34) Hexachlorobutadiene	10.881	225	176346	20.763	ng	100
35) Caprolactam	11.493	113	99602	20.307	ng	# 77
36) 4-Chloro-3-methylphenol	11.834	107	361298	21.650	ng	90
37) 2-Methylnaphthalene	12.204	142	738079	21.036	ng	98
38) 1-Methylnaphthalene	12.422	142	708885	21.272	ng	100
40) 1,2,4,5-Tetrachloroben...	12.575	216	305333	20.726	ng	# 96
41) Hexachlorocyclopentadiene	12.551	237	167194	21.414	ng	95
43) 2,4,6-Trichlorophenol	12.816	196	208634	21.117	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	231537	21.170	ng	# 89
46) 1,1'-Biphenyl	13.222	154	893420	20.910	ng	96
47) 2-Chloronaphthalene	13.263	162	679491	20.650	ng	93
48) 2-Nitroaniline	13.469	65	236062	21.392	ng	# 84
49) Acenaphthylene	14.110	152	1101817	21.078	ng	99
50) Dimethylphthalate	13.857	163	851813	20.963	ng	99
51) 2,6-Dinitrotoluene	13.975	165	188834	21.358	ng	# 82
52) Acenaphthene	14.451	154	662031	20.538	ng	98
53) 3-Nitroaniline	14.298	138	205492	20.970	ng	# 80
54) 2,4-Dinitrophenol	14.504	184	85093	17.731	ng	# 82
55) Dibenzofuran	14.786	168	1045580	20.709	ng	93
56) 4-Nitrophenol	14.604	139	176977	19.886	ng	# 84
57) 2,4-Dinitrotoluene	14.757	165	249905	21.175	ng	# 76
58) Fluorene	15.439	166	840491	20.955	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.016	232	189845	20.694	ng	# 69
60) Diethylphthalate	15.228	149	899472	21.289	ng	97
61) 4-Chlorophenyl-phenyle...	15.439	204	380054	20.852	ng	# 88
62) 4-Nitroaniline	15.463	138	217336	20.961	ng	90
63) Azobenzene	15.733	77	1062689	21.782	ng	92
65) 4,6-Dinitro-2-methylph...	15.522	198	128870	19.492	ng	79
66) n-Nitrosodiphenylamine	15.657	169	722851	21.127	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	218005	20.575	ng	# 84
68) Hexachlorobenzene	16.439	284	250717	20.999	ng	# 88
69) Atrazine	16.616	200	227510	21.614	ng	97
70) Pentachlorophenol	16.786	266	155401	20.938	ng	98
71) Phenanthrene	17.180	178	1287371	20.772	ng	99
72) Anthracene	17.275	178	1241362	20.905	ng	99
73) Carbazole	17.551	167	1253189	20.778	ng	98
74) Di-n-butylphthalate	18.116	149	1466897	21.539	ng	100
75) Fluoranthene	19.157	202	1421458	20.606	ng	94
77) Benzidine	19.345	184	510708	19.664	ng	99
78) Pyrene	19.510	202	1483422	21.324	ng	99
80) Butylbenzylphthalate	20.398	149	644125	21.431	ng	# 83
81) Benzo(a)anthracene	21.221	228	1429403	21.042	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	370526	20.579	ng	# 98
83) Chrysene	21.274	228	1374331	20.764	ng	100
84) Bis(2-ethylhexyl)phtha...	21.168	149	983357	21.180	ng	# 96
85) Di-n-octyl phthalate	22.068	149	1592738	20.259	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.974	276	1558227	20.241	ng	# 88
88) Benzo(b)fluoranthene	22.857	252	1457729	21.163	ng	# 95
89) Benzo(k)fluoranthene	22.910	252	1340324	20.058	ng	# 96
90) Benzo(a)pyrene	23.462	252	1282094	20.790	ng	# 94
91) Dibenzo(a,h)anthracene	25.998	278	1358076	20.368	ng	# 92
92) Benzo(g,h,i)perylene	26.709	276	1301087	20.353	ng	# 88

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

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