

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091424\
 Data File : BP021920.D
 Acq On : 14 Sep 2024 14:22
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 15 04:43:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Sep 15 04:38:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	161902	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	627812	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	460224	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1077275	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1197099	20.000	ng	-0.01
86) Perylene-d12	24.886	264	941367	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	248872	22.195	ng	0.00
7) Phenol-d6	6.928	99	461596	30.422	ng	0.00
23) Nitrobenzene-d5	8.893	82	459756	33.176	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	233768	45.711	ng	0.00
45) 2-Fluorobiphenyl	12.975	172	1222291	43.682	ng	0.00
79) Terphenyl-d14	19.880	244	2403324	42.875	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	76616	13.451	ng	99
3) Pyridine	3.699	79	174489m	11.857	ng	
4) n-Nitrosodimethylamine	3.605	42	98132	17.642	ng	98
6) Aniline	7.087	93	209577	15.773	ng	100
8) 2-Chlorophenol	7.322	128	192337	18.643	ng	100
9) Benzaldehyde	6.905	77	135019	16.831	ng	99
10) Phenol	6.958	94	235580	15.284	ng	100
11) bis(2-Chloroethyl)ether	7.181	93	188182	15.870	ng	99
12) 1,3-Dichlorobenzene	7.640	146	237201	19.844	ng	97
13) 1,4-Dichlorobenzene	7.787	146	242420	20.003	ng	99
14) 1,2-Dichlorobenzene	8.099	146	230259	19.027	ng	99
15) Benzyl Alcohol	7.987	79	161076	14.290	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	230171	18.856	ng	99
17) 2-Methylphenol	8.187	107	155208	14.249	ng	95
18) Hexachloroethane	8.822	117	84738	16.777	ng	98
19) n-Nitroso-di-n-propyla...	8.546	70	152147	16.021	ng	99
20) 3+4-Methylphenols	8.510	107	220481	14.691	ng	96
22) Acetophenone	8.563	105	310438	16.017	ng	# 98
24) Nitrobenzene	8.934	77	243955	17.759	ng	99
25) Isophorone	9.457	82	396741	16.495	ng	99
26) 2-Nitrophenol	9.640	139	92368	19.332	ng	95
27) 2,4-Dimethylphenol	9.699	122	123356	17.988	ng	97
28) bis(2-Chloroethoxy)met...	9.928	93	260052	16.641	ng	99
29) 2,4-Dichlorophenol	10.163	162	198129	22.214	ng	99
30) 1,2,4-Trichlorobenzene	10.381	180	241650	23.550	ng	99
31) Naphthalene	10.563	128	631737	19.210	ng	100
32) Benzoic acid	9.810	122	118523	15.669	ng	93
33) 4-Chloroaniline	10.669	127	234424	19.433	ng	98
34) Hexachlorobutadiene	10.851	225	159755	25.082	ng	100
35) Caprolactam	11.446	113	59053	15.948	ng	# 87
36) 4-Chloro-3-methylphenol	11.793	107	209168	16.234	ng	100
37) 2-Methylnaphthalene	12.169	142	460379	20.926	ng	98
38) 1-Methylnaphthalene	12.393	142	456131	20.765	ng	100
40) 1,2,4,5-Tetrachloroben...	12.545	216	275474	23.184	ng	99
41) Hexachlorocyclopentadiene	12.528	237	91258	23.804	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	174334	22.824	ng	99

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44) 2,4,5-Trichlorophenol	12.857	196	199984	22.519	ng	99
46) 1,1'-Biphenyl	13.187	154	641801	19.993	ng	99
47) 2-Chloronaphthalene	13.222	162	507310	20.330	ng	98
48) 2-Nitroaniline	13.422	65	132855	15.271	ng	96
49) Acenaphthylene	14.075	152	734795	19.900	ng	99
50) Dimethylphthalate	13.810	163	662215	20.900	ng	100
51) 2,6-Dinitrotoluene	13.928	165	145234	20.727	ng	95
52) Acenaphthene	14.428	154	481869	20.185	ng	100
53) 3-Nitroaniline	14.263	138	135258	18.800	ng	99
54) 2,4-Dinitrophenol	14.463	184	69634	20.853	ng	97
55) Dibenzofuran	14.769	168	808377	21.526	ng	100
56) 4-Nitrophenol	14.575	139	116601	18.686	ng	97
57) 2,4-Dinitrotoluene	14.728	165	200150	20.716	ng	96
58) Fluorene	15.422	166	653941	21.130	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	183002	23.431	ng	98
60) Diethylphthalate	15.192	149	664507	20.206	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	348029	23.190	ng	98
62) 4-Nitroaniline	15.439	138	145946	18.553	ng	98
63) Azobenzene	15.722	77	600684	16.232	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	107923	21.420	ng	92
66) n-Nitrosodiphenylamine	15.645	169	560660	20.328	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	219098	21.579	ng	97
68) Hexachlorobenzene	16.451	284	259967	21.437	ng	98
69) Atrazine	16.622	200	210948	26.078	ng	98
70) Pentachlorophenol	16.804	266	172158	22.202	ng	99
71) Phenanthrene	17.198	178	1076686	20.217	ng	100
72) Anthracene	17.298	178	1043865	20.128	ng	99
73) Carbazole	17.575	167	1051413	19.749	ng	99
74) Di-n-butylphthalate	18.169	149	1178005	20.007	ng	99
75) Fluoranthene	19.286	202	1437986	22.302	ng	99
77) Benzidine	19.486	184	434283	26.324	ng	99
78) Pyrene	19.663	202	1519619	20.115	ng	100
80) Butylbenzylphthalate	20.610	149	540053	17.371	ng	97
81) Benzo(a)anthracene	21.563	228	1561395	20.558	ng	98
82) 3,3'-Dichlorobenzidine	21.480	252	525244	21.890	ng	100
83) Chrysene	21.627	228	1464542	20.031	ng	99
84) Bis(2-ethylhexyl)phtha...	21.498	149	814288	18.293	ng	98
85) Di-n-octyl phthalate	22.763	149	1288555	17.583	ng	100
87) Indeno(1,2,3-cd)pyrene	28.639	276	1243597	21.010	ng	# 96
88) Benzo(b)fluoranthene	23.845	252	1617599	29.837	ng	100
89) Benzo(k)fluoranthene	23.910	252	1577944	30.021	ng	99
90) Benzo(a)pyrene	24.727	252	985710	20.977	ng	98
91) Dibenzo(a,h)anthracene	28.721	278	1028111	21.013	ng	97
92) Benzo(g,h,i)perylene	29.809	276	1084858	21.137	ng	97

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

