

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091424\
 Data File : BP021924.D
 Acq On : 14 Sep 2024 17:05
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

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

Quant Time: Sep 15 04:47:10 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	7.746	152	140818	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	715005	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	495209	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1122648	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	1123157	20.000	ng	-0.01
86) Perylene-d12	24.886	264	1253275	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1103491	113.148	ng	0.00
7) Phenol-d6	6.934	99	1498879	113.574	ng	0.00
23) Nitrobenzene-d5	8.893	82	2035642	128.979	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	1013231	184.128	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	4834480	160.569	ng	-0.01
79) Terphenyl-d14	19.875	244	8290777	157.645	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	312509	63.080	ng	99
3) Pyridine	3.693	79	791667m	61.852	ng	
4) n-Nitrosodimethylamine	3.599	42	384150	79.400	ng	100
6) Aniline	7.087	93	660320	57.138	ng	99
8) 2-Chlorophenol	7.322	128	617199	68.782	ng	99
9) Benzaldehyde	6.905	77	319204	45.749	ng	100
10) Phenol	6.958	94	745731	55.625	ng	95
11) bis(2-Chloroethyl)ether	7.181	93	575279	55.778	ng	99
12) 1,3-Dichlorobenzene	7.640	146	751566	72.291	ng	97
13) 1,4-Dichlorobenzene	7.781	146	773644	73.394	ng	99
14) 1,2-Dichlorobenzene	8.099	146	747942	71.058	ng	98
15) Benzyl Alcohol	7.987	79	585224	59.691	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	691557	65.137	ng	97
17) 2-Methylphenol	8.187	107	540765	57.079	ng	96
18) Hexachloroethane	8.816	117	367875	83.737	ng	97
19) n-Nitroso-di-n-propyla...	8.546	70	665971	80.627	ng	97
20) 3+4-Methylphenols	8.510	107	961237	73.640	ng	98
22) Acetophenone	8.557	105	1305164	59.126	ng	# 98
24) Nitrobenzene	8.934	77	1042917	66.661	ng	98
25) Isophorone	9.452	82	1783410	65.103	ng	99
26) 2-Nitrophenol	9.634	139	482668	88.700	ng	93
27) 2,4-Dimethylphenol	9.693	122	561021	71.834	ng	95
28) bis(2-Chloroethoxy)met...	9.928	93	1097579	61.669	ng	100
29) 2,4-Dichlorophenol	10.163	162	906054	89.199	ng	98
30) 1,2,4-Trichlorobenzene	10.375	180	1055978	90.360	ng	98
31) Naphthalene	10.563	128	2747146	73.350	ng	99
32) Benzoic acid	9.875	122	674559	78.302	ng	98
33) 4-Chloroaniline	10.675	127	1022997	74.463	ng	98
34) Hexachlorobutadiene	10.846	225	700588	96.581	ng	99
35) Caprolactam	11.475	113	281956m	66.861	ng	
36) 4-Chloro-3-methylphenol	11.793	107	924545	63.005	ng	100
37) 2-Methylnaphthalene	12.169	142	1948330	77.759	ng	97
38) 1-Methylnaphthalene	12.387	142	1923442	76.883	ng	99
40) 1,2,4,5-Tetrachloroben...	12.534	216	1189977	93.073	ng	99
41) Hexachlorocyclopentadiene	12.522	237	418634	101.482	ng	100
43) 2,4,6-Trichlorophenol	12.781	196	805508	98.006	ng	99

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44) 2,4,5-Trichlorophenol	12.851	196	891614	93.307	ng	98
46) 1,1'-Biphenyl	13.181	154	2594149	75.101	ng	100
47) 2-Chloronaphthalene	13.222	162	2133401	79.456	ng	100
48) 2-Nitroaniline	13.428	65	611379	65.311	ng	98
49) Acenaphthylene	14.075	152	3076595	77.434	ng	100
50) Dimethylphthalate	13.810	163	2656731	77.924	ng	99
51) 2,6-Dinitrotoluene	13.928	165	618680	82.056	ng	99
52) Acenaphthene	14.422	154	1935699	75.355	ng	100
53) 3-Nitroaniline	14.257	138	595510	76.926	ng	99
54) 2,4-Dinitrophenol	14.463	184	367654	102.322	ng	99
55) Dibenzofuran	14.751	168	3204617	79.307	ng	100
56) 4-Nitrophenol	14.581	139	514677	76.653	ng	97
57) 2,4-Dinitrotoluene	14.722	165	872808	83.955	ng	99
58) Fluorene	15.416	166	2510297	75.381	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	768810	91.482	ng	99
60) Diethylphthalate	15.192	149	2683974	75.847	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	1357662	84.073	ng	98
62) 4-Nitroaniline	15.434	138	627659	74.152	ng	97
63) Azobenzene	15.710	77	2330638	58.531	ng	99
65) 4,6-Dinitro-2-methylph...	15.492	198	524178	99.830	ng	96
66) n-Nitrosodiphenylamine	15.634	169	2228705	77.542	ng	100
67) 4-Bromophenyl-phenylether	16.322	248	896661	84.743	ng	98
68) Hexachlorobenzene	16.433	284	1053102	83.330	ng	99
69) Atrazine	16.610	200	792755	94.042	ng	99
70) Pentachlorophenol	16.786	266	762491	94.357	ng	99
71) Phenanthrene	17.186	178	4126973	74.359	ng	99
72) Anthracene	17.286	178	4048631	74.911	ng	100
73) Carbazole	17.557	167	3922382	70.697	ng	99
74) Di-n-butylphthalate	18.151	149	4655663	75.874	ng	100
75) Fluoranthene	19.275	202	5349249	79.609	ng	99
78) Pyrene	19.651	202	5589137	78.855	ng	99
80) Butylbenzylphthalate	20.598	149	2178702	74.691	ng	99
81) Benzo(a)anthracene	21.563	228	5547069	77.843	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	1820304	80.858	ng	99
83) Chrysene	21.633	228	5156464	75.169	ng	100
84) Bis(2-ethylhexyl)phtha...	21.498	149	3111233	74.497	ng	99
85) Di-n-octyl phthalate	22.763	149	5443004	79.162	ng	99
87) Indeno(1,2,3-cd)pyrene	28.662	276	6392426m	81.121	ng	
88) Benzo(b)fluoranthene	23.845	252	6072906	84.139	ng	99
89) Benzo(k)fluoranthene	23.921	252	5495230	78.530	ng	100
90) Benzo(a)pyrene	24.739	252	5197756	83.085	ng	99
91) Dibenzo(a,h)anthracene	28.750	278	5269481	80.895	ng	99
92) Benzo(g,h,i)perylene	29.850	276	5505420	80.571	ng	99

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

