

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
 Data File : BP016400.D
 Acq On : 27 Jul 2023 15:03
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 17:36:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 17:32:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	469188	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	1764609	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	1096637	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	2545819	20.000	ng	0.00
76) Chrysene-d12	21.598	240	2531418	20.000	ng	0.00
86) Perylene-d12	24.198	264	3094883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	4201997	146.108	ng	0.00
7) Phenol-d6	7.234	99	5622720	142.636	ng	0.00
23) Nitrobenzene-d5	9.293	82	4816627	152.797	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	2832892	175.595	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	10922478	142.793	ng	0.00
79) Terphenyl-d14	20.039	244	14271540	119.093	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.458	88	806087	71.865	ng	100
3) Pyridine	3.875	79	2446900m	74.142	ng	
4) n-Nitrosodimethylamine	3.805	42	897598	71.004	ng	99
6) Aniline	7.428	93	3508498	72.057	ng	100
8) 2-Chlorophenol	7.646	128	2192999	72.726	ng	99
9) Benzaldehyde	7.246	77	1089949	82.649	ng	99
10) Phenol	7.263	94	2730888	71.337	ng	98
11) bis(2-Chloroethyl)ether	7.528	93	2178843	70.018	ng	98
12) 1,3-Dichlorobenzene	7.975	146	2341170	72.322	ng	98
13) 1,4-Dichlorobenzene	8.134	146	2367393	72.095	ng	99
14) 1,2-Dichlorobenzene	8.446	146	2244431	70.989	ng	99
15) Benzyl Alcohol	8.346	79	1952544	72.501	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.628	45	2364572	67.002	ng	100
17) 2-Methylphenol	8.528	107	1985719	71.975	ng	99
18) Hexachloroethane	9.175	117	838950	71.627	ng	97
19) n-Nitroso-di-n-propyla...	8.922	70	1669250	67.593	ng	100
20) 3+4-Methylphenols	8.863	107	2736525	73.033	ng	98
22) Acetophenone	8.946	105	3315876	74.425	ng	# 99
24) Nitrobenzene	9.340	77	2459122	75.952	ng	99
25) Isophorone	9.857	82	4834619	75.965	ng	99
26) 2-Nitrophenol	10.040	139	1150901	80.229	ng	100
27) 2,4-Dimethylphenol	10.075	122	2207668	77.537	ng	99
28) bis(2-Chloroethoxy)met...	10.340	93	2906800	74.565	ng	99
29) 2,4-Dichlorophenol	10.557	162	2192754	82.292	ng	99
30) 1,2,4-Trichlorobenzene	10.775	180	2284465	79.154	ng	100
31) Naphthalene	10.981	128	6933804	75.121	ng	99
32) Benzoic acid	10.240	122	1615383	81.436	ng	98
33) 4-Chloroaniline	11.104	127	3252800	78.126	ng	99
34) Hexachlorobutadiene	11.216	225	1389663	81.328	ng	100
35) Caprolactam	11.940	113	804832m	82.643	ng	
36) 4-Chloro-3-methylphenol	12.193	107	2343936	79.136	ng	99
37) 2-Methylnaphthalene	12.575	142	5105090	76.134	ng	99
38) 1-Methylnaphthalene	12.792	142	4753224	75.610	ng	100
40) 1,2,4,5-Tetrachloroben...	12.922	216	2677323	80.338	ng	100
41) Hexachlorocyclopentadiene	12.875	237	1476860	88.236	ng	100
43) 2,4,6-Trichlorophenol	13.169	196	1813003	84.787	ng	100

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44) 2,4,5-Trichlorophenol	13.234	196	2171857	83.718	ng	99
46) 1,1'-Biphenyl	13.581	154	6262528	74.915	ng	99
47) 2-Chloronaphthalene	13.628	162	4798108	76.080	ng	99
48) 2-Nitroaniline	13.845	65	1479302	83.213	ng	95
49) Acenaphthylene	14.469	152	7939234	75.871	ng	100
50) Dimethylphthalate	14.204	163	6533473	76.453	ng	100
51) 2,6-Dinitrotoluene	14.339	165	1467026	83.797	ng	97
52) Acenaphthene	14.804	154	4736297	76.116	ng	100
53) 3-Nitroaniline	14.675	138	1663530	84.048	ng	100
54) 2,4-Dinitrophenol	14.869	184	678689	82.580	ng	96
55) Dibenzofuran	15.139	168	7693900	75.391	ng	99
56) 4-Nitrophenol	14.951	139	1350420	87.161	ng	98
57) 2,4-Dinitrotoluene	15.116	165	2028113	88.890	ng	95
58) Fluorene	15.792	166	5850262	72.968	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	1851651	86.766	ng	98
60) Diethylphthalate	15.557	149	6507853	76.630	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	3040484	75.150	ng	98
62) 4-Nitroaniline	15.845	138	1665077	84.770	ng	99
63) Azobenzene	16.075	77	5858705	73.061	ng	99
65) 4,6-Dinitro-2-methylph...	15.869	198	1022013	80.781	ng	94
66) n-Nitrosodiphenylamine	16.004	169	5536969	73.799	ng	100
67) 4-Bromophenyl-phenylether	16.680	248	2197142	81.505	ng	98
68) Hexachlorobenzene	16.763	284	2441345	81.211	ng	97
69) Atrazine	16.957	200	1673554	75.004	ng	99
70) Pentachlorophenol	17.122	266	1804942	86.762	ng	99
71) Phenanthrene	17.545	178	9970011	73.753	ng	99
72) Anthracene	17.639	178	10117451	74.431	ng	99
73) Carbazole	17.916	167	9486617	74.439	ng	99
74) Di-n-butylphthalate	18.433	149	10824866	73.419	ng	97
75) Fluoranthene	19.498	202	12090041	76.304	ng	97
77) Benzidine	19.692	184	3274541	74.610	ng	99
78) Pyrene	19.857	202	12282191	72.378	ng	95
80) Butylbenzylphthalate	20.721	149	5305297	79.581	ng	95
81) Benzo(a)anthracene	21.580	228	12725684	74.925	ng	98
82) 3,3'-Dichlorobenzidine	21.510	252	4574114	82.040	ng	99
83) Chrysene	21.639	228	11904860	73.401	ng	97
84) Bis(2-ethylhexyl)phtha...	21.468	149	7680653	76.738	ng	# 97
85) Di-n-octyl phthalate	22.468	149	13277630	78.877	ng	98
87) Indeno(1,2,3-cd)pyrene	26.986	276	16839476	80.706	ng	99
88) Benzo(b)fluoranthene	23.392	252	13712779	76.444	ng	99
89) Benzo(k)fluoranthene	23.451	252	13875822	76.052	ng	99
90) Benzo(a)pyrene	24.086	252	13627382	78.423	ng	99
91) Dibenzo(a,h)anthracene	27.027	278	13883452	79.788	ng	99
92) Benzo(g,h,i)perylene	27.862	276	13551755	80.818	ng	99

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

