

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
 Data File : BG060127.D
 Acq On : 21 Dec 2023 18:09
 Operator : MA/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 03:24:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:23:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	95454	20.000	ng	# 0.00
21) Naphthalene-d8	10.749	136	510758	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	439768	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	1306224	20.000	ng	0.00
76) Chrysene-d12	21.601	240	1142771	20.000	ng	0.00
86) Perylene-d12	24.780	264	1099303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	967042	159.635	ng	0.00
7) Phenol-d6	7.106	99	1740923	170.761	ng	0.00
23) Nitrobenzene-d5	9.110	82	1691731	162.256	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	957816	161.762	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	4125007	140.844	ng	0.00
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
2) 1,4-Dioxane	3.417	88	175751	69.283	ng	# 95
3) Pyridine	3.810	79	629987m	77.314	ng	
4) n-Nitrosodimethylamine	3.728	42	287758	77.853	ng	99
6) Aniline	7.271	93	871156	81.829	ng	98
8) 2-Chlorophenol	7.512	128	560525	83.506	ng	93
9) Benzaldehyde	7.083	77	371127	65.620	ng	93
10) Phenol	7.136	94	866577	85.067	ng	99
11) bis(2-Chloroethyl)ether	7.365	93	644244	80.557	ng	98
12) 1,3-Dichlorobenzene	7.835	146	572101	76.259	ng	95
13) 1,4-Dichlorobenzene	7.982	146	579497	74.679	ng	98
14) 1,2-Dichlorobenzene	8.299	146	611927	78.311	ng	98
15) Benzyl Alcohol	8.182	79	636857	85.095	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1130942	76.023	ng	97
17) 2-Methylphenol	8.381	107	597890	84.588	ng	96
18) Hexachloroethane	9.028	117	194144	75.388	ng	92
19) n-Nitroso-di-n-propyla...	8.752	70	666593	84.087	ng	96
20) 3+4-Methylphenols	8.716	107	864750	85.220	ng	98
22) Acetophenone	8.763	105	1163968	79.900	ng	# 97
24) Nitrobenzene	9.151	77	883233	81.977	ng	96
25) Isophorone	9.668	82	1931337	76.007	ng	98
26) 2-Nitrophenol	9.856	139	362391	84.914	ng	96
27) 2,4-Dimethylphenol	9.915	122	476582	81.128	ng	92
28) bis(2-Chloroethoxy)met...	10.156	93	1041754	78.078	ng	98
29) 2,4-Dichlorophenol	10.397	162	728037	83.076	ng	92
30) 1,2,4-Trichlorobenzene	10.608	180	736639	78.303	ng	99
31) Naphthalene	10.802	128	2112267	77.685	ng	98
32) Benzoic acid	10.085	122	616016m	81.787	ng	
33) 4-Chloroaniline	10.908	127	951702	80.987	ng	96
34) Hexachlorobutadiene	11.084	225	397274	75.638	ng	94
35) Caprolactam	11.707	113	377872	82.542	ng	94
36) 4-Chloro-3-methylphenol	12.036	107	874193	83.212	ng	98
37) 2-Methylnaphthalene	12.406	142	1682482	79.731	ng	99
38) 1-Methylnaphthalene	12.629	142	1679821	79.301	ng	100
40) 1,2,4,5-Tetrachloroben...	12.770	216	896244	77.825	ng	99
41) Hexachlorocyclopentadiene	12.753	237	310047	79.585	ng	96
43) 2,4,6-Trichlorophenol	13.011	196	684271	79.652	ng	97

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44) 2,4,5-Trichlorophenol	13.088	196	800244	82.135	ng	98
46) 1,1'-Biphenyl	13.417	154	2412565	75.500	ng	96
47) 2-Chloronaphthalene	13.458	162	2024090	77.252	ng	98
48) 2-Nitroaniline	13.664	65	738313	86.367	ng	98
49) Acenaphthylene	14.304	152	3162964	77.231	ng	96
50) Dimethylphthalate	14.040	163	2900479	74.987	ng	100
51) 2,6-Dinitrotoluene	14.157	165	672547	86.923	ng	98
52) Acenaphthene	14.651	154	1986792	78.883	ng	98
53) 3-Nitroaniline	14.492	138	717272	87.258	ng	94
54) 2,4-Dinitrophenol	14.692	184	424746	82.949	ng	97
55) Dibenzofuran	14.980	168	3208683	75.641	ng	94
56) 4-Nitrophenol	14.803	139	644568	94.449	ng	98
57) 2,4-Dinitrotoluene	14.950	165	1027142	90.436	ng	97
58) Fluorene	15.632	166	2764297	77.021	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	701212	80.143	ng	98
60) Diethylphthalate	15.403	149	3120636	74.690	ng	# 94
61) 4-Chlorophenyl-phenyle...	15.620	204	1330869	77.781	ng	97
62) 4-Nitroaniline	15.667	138	844821	87.551	ng	97
63) Azobenzene	15.920	77	2852982	76.496	ng	95
65) 4,6-Dinitro-2-methylph...	15.714	198	639129	90.415	ng	99
66) n-Nitrosodiphenylamine	15.843	169	2537344	73.644	ng	97
67) 4-Bromophenyl-phenylether	16.519	248	929201	75.510	ng	97
68) Hexachlorobenzene	16.637	284	1069880	75.927	ng	98
69) Atrazine	16.789	200	761152	59.367	ng	99
70) Pentachlorophenol	16.977	266	720590	82.601	ng	97
71) Phenanthrene	17.377	178	4531140	68.845	ng	# 89
72) Anthracene	17.465	178	4613230	69.628	ng	# 89
73) Carbazole	17.735	167	4921985	69.975	ng	# 91
74) Di-n-butylphthalate	18.293	149	5140200	61.631	ng	# 88
75) Fluoranthene	19.386	202	5610623	64.937	ng	84
77) Benzidine	19.568	184	2114887	68.448	ng	99
78) Pyrene	19.751	202	5758128	66.006	ng	# 81
80) Butylbenzylphthalate	20.638	149	2438083	83.386	ng	95
81) Benzo(a)anthracene	21.578	228	5184464	68.281	ng	# 88
82) 3,3'-Dichlorobenzidine	21.501	252	1730264	76.865	ng	99
83) Chrysene	21.648	228	4869075	68.301	ng	# 86
84) Bis(2-ethylhexyl)phtha...	21.490	149	3136636	80.492	ng	# 96
85) Di-n-octyl phthalate	22.682	149	5057586	77.889	ng	# 97
87) Indeno(1,2,3-cd)pyrene	28.423	276	6090934	79.383	ng	98
88) Benzo(b)fluoranthene	23.769	252	5168322	74.349	ng	97
89) Benzo(k)fluoranthene	23.846	252	4970839	72.965	ng	95
90) Benzo(a)pyrene	24.633	252	4656126	76.023	ng	97
91) Dibenzo(a,h)anthracene	28.487	278	5003415	78.967	ng	99
92) Benzo(g,h,i)perylene	29.557	276	5055609	78.985	ng	97

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

Manual Integrations

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