

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120723\
 Data File : BG059984.D
 Acq On : 7 Dec 2023 13:19
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 02:19:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 02:14:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	122991	20.000	ng	# 0.00
21) Naphthalene-d8	10.762	136	441100	20.000	ng	# 0.00
39) Acenaphthene-d10	14.599	164	449959	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	1542818	20.000	ng	0.00
76) Chrysene-d12	21.620	240	2014228	20.000	ng	0.00
86) Perylene-d12	24.810	264	2357919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.521	112	257503	38.719	ng	0.00
7) Phenol-d6	7.108	99	382926	40.953	ng	0.00
23) Nitrobenzene-d5	9.117	82	414973	41.545	ng	0.00
42) 2,4,6-Tribromophenol	16.085	330	533511	40.793	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1570978	41.954	ng	0.00
79) Terphenyl-d14	19.969	244	4435059	44.880	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	66586	22.137	ng	# 94
3) Pyridine	3.835	79	167620	20.086	ng	94
4) n-Nitrosodimethylamine	3.747	42	76924	21.264	ng	# 78
6) Aniline	7.278	93	204201	20.487	ng	99
8) 2-Chlorophenol	7.519	128	131723	20.633	ng	94
9) Benzaldehyde	7.102	77	127740	22.402	ng	# 76
10) Phenol	7.137	94	192398	21.060	ng	99
11) bis(2-Chloroethyl)ether	7.378	93	126978	20.778	ng	91
12) 1,3-Dichlorobenzene	7.848	146	185805	20.588	ng	99
13) 1,4-Dichlorobenzene	7.995	146	187219	21.083	ng	98
14) 1,2-Dichlorobenzene	8.318	146	177812	21.003	ng	88
15) Benzyl Alcohol	8.189	79	176465	21.148	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.482	45	69744	21.190	ng	87
17) 2-Methylphenol	8.394	107	131007	21.216	ng	94
18) Hexachloroethane	9.046	117	59743	20.733	ng	92
19) n-Nitroso-di-n-propyla...	8.759	70	127608	20.254	ng	# 88
20) 3+4-Methylphenols	8.717	107	184854	21.135	ng	98
22) Acetophenone	8.776	105	269846	20.913	ng	# 96
24) Nitrobenzene	9.158	77	210348	20.386	ng	95
25) Isophorone	9.681	82	369431	20.562	ng	# 94
26) 2-Nitrophenol	9.869	139	82482	20.558	ng	# 90
27) 2,4-Dimethylphenol	9.928	122	106557	19.683	ng	92
28) bis(2-Chloroethoxy)met...	10.169	93	183762	21.593	ng	# 97
29) 2,4-Dichlorophenol	10.404	162	203227	19.925	ng	90
30) 1,2,4-Trichlorobenzene	10.621	180	297483	21.004	ng	99
31) Naphthalene	10.815	128	478178	21.224	ng	97
32) Benzoic acid	10.022	122	116604m	21.230	ng	
33) 4-Chloroaniline	10.915	127	173824	20.502	ng	# 88
34) Hexachlorobutadiene	11.097	225	320979	20.814	ng	96
35) Caprolactam	11.673	113	49802	21.452	ng	97
36) 4-Chloro-3-methylphenol	12.031	107	189493	21.181	ng	# 89
37) 2-Methylnaphthalene	12.419	142	398814	20.435	ng	96
38) 1-Methylnaphthalene	12.636	142	404795	21.836	ng	87
40) 1,2,4,5-Tetrachloroben...	12.783	216	558420	19.405	ng	100
41) Hexachlorocyclopentadiene	12.766	237	258995	19.262	ng	87
43) 2,4,6-Trichlorophenol	13.024	196	306901	20.579	ng	91

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44) 2,4,5-Trichlorophenol	13.089	196	344432	20.480	ng	# 97
46) 1,1'-Biphenyl	13.430	154	653872	19.978	ng	99
47) 2-Chloronaphthalene	13.471	162	567820	20.150	ng	100
48) 2-Nitroaniline	13.670	65	105441	19.167	ng	98
49) Acenaphthylene	14.317	152	786870	20.710	ng	98
50) Dimethylphthalate	14.052	163	717787	20.013	ng	98
51) 2,6-Dinitrotoluene	14.164	165	157368	19.934	ng	89
52) Acenaphthene	14.658	154	568478	20.638	ng	96
53) 3-Nitroaniline	14.493	138	106707	19.763	ng	95
54) 2,4-Dinitrophenol	14.693	184	128362	19.561	ng	94
55) Dibenzofuran	14.992	168	928718	20.752	ng	99
56) 4-Nitrophenol	14.787	139	97056	21.216	ng	87
57) 2,4-Dinitrotoluene	14.951	165	235775	20.855	ng	# 86
58) Fluorene	15.645	166	809655	20.765	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.216	232	395459	20.960	ng	97
60) Diethylphthalate	15.415	149	673451	20.883	ng	99
61) 4-Chlorophenyl-phenyle...	15.639	204	676245	20.658	ng	95
62) 4-Nitroaniline	15.656	138	127674	21.344	ng	97
63) Azobenzene	15.932	77	573303	20.349	ng	98
65) 4,6-Dinitro-2-methylph...	15.709	198	224902	20.450	ng	98
66) n-Nitrosodiphenylamine	15.850	169	742798	20.264	ng	94
67) 4-Bromophenyl-phenylether	16.532	248	475450	19.642	ng	98
68) Hexachlorobenzene	16.643	284	552536	19.625	ng	94
69) Atrazine	16.796	200	361761	22.612	ng	94
70) Pentachlorophenol	16.984	266	402055	20.401	ng	97
71) Phenanthrene	17.384	178	1503513	21.287	ng	96
72) Anthracene	17.478	178	1480471	20.740	ng	98
73) Carbazole	17.742	167	1210728	20.799	ng	96
74) Di-n-butylphthalate	18.312	149	1087669	20.914	ng	98
75) Fluoranthene	19.399	202	2340850	21.167	ng	95
77) Benzidine	19.581	184	498123	21.079	ng	99
78) Pyrene	19.763	202	2394334	22.193	ng	96
80) Butylbenzylphthalate	20.662	149	412684	21.698	ng	95
81) Benzo(a)anthracene	21.596	228	2835090m	22.053	ng	
82) 3,3'-Dichlorobenzidine	21.514	252	959316	20.928	ng	99
83) Chrysene	21.661	228	2633062	21.695	ng	94
84) Bis(2-ethylhexyl)phtha...	21.520	149	584810	20.889	ng	99
85) Di-n-octyl phthalate	22.725	149	1012113	20.918	ng	98
87) Indeno(1,2,3-cd)pyrene	28.447	276	3573719	20.803	ng	100
88) Benzo(b)fluoranthene	23.794	252	3008181	21.924	ng	97
89) Benzo(k)fluoranthene	23.864	252	2868637m	21.573	ng	
90) Benzo(a)pyrene	24.658	252	2633333	21.051	ng	# 96
91) Dibenzo(a,h)anthracene	28.512	278	3017496	20.855	ng	# 97
92) Benzo(g,h,i)perylene	29.581	276	2959133	20.986	ng	99

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

