Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041724\
Data File : BG060922.D
Acq On : 17 Apr 2024 15:54
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 18 01:57:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 01:47:49 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	47177	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	194799	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	160487	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	407681	20.000	ng	0.00
76) Chrysene-d12	21.578	240	381031	20.000	ng	0.00
86) Perylene-d12	24.698	264	443452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	329527	121.326	ng	0.00
7) Phenol-d6	7.112	99	480996	122.933	ng	0.00
23) Nitrobenzene-d5	9.098	82	533432	124.316	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	320181	120.764	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	1316609	120.388	ng	0.00
79) Terphenyl-d14	19.944	244	2508773	114.909	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	61353	55.880	ng	97
3) Pyridine	3.840	79	211146	60.520	ng	99
4) n-Nitrosodimethylamine	3.757	42	137214	61.555	ng	96
6) Aniline	7.271	93	288923	60.607	ng	97
8) 2-Chlorophenol	7.512	128	189927	61.467	ng	95
9) Benzaldehyde	7.083	77	116905	55.698	ng	94
10) Phenol	7.136	94	244380	62.321	ng	96
11) bis(2-Chloroethyl)ether	7.365	93	185176	60.881	ng	97
12) 1,3-Dichlorobenzene	7.835	146	198437	60.443	ng	97
13) 1,4-Dichlorobenzene	7.976	146	202621	60.286	ng	99
14) 1,2-Dichlorobenzene	8.299	146	199285	60.976	ng	97
15) Benzyl Alcohol	8.176	79	211741	62.910	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.470	45	452217	61.518	ng	99
17) 2-Methylphenol	8.381	107	195083	62.964	ng	97
18) Hexachloroethane	9.022	117	72185	60.484	ng	96
19) n-Nitroso-di-n-propyla...	8.752	70	187925	63.056	ng	94
20) 3+4-Methylphenols	8.710	107	271868	63.248	ng	97
22) Acetophenone	8.763	105	336816	60.716	ng	98
24) Nitrobenzene	9.139	77	261886	62.188	ng	97
25) Isophorone	9.668	82	494874	62.496	ng	99
26) 2-Nitrophenol	9.850	139	113198	63.984	ng	97
27) 2,4-Dimethylphenol	9.915	122	191733	61.511	ng	96
28) bis(2-Chloroethoxy)met...	10.150	93	271669	61.015	ng	99
29) 2,4-Dichlorophenol	10.385	162	205264	60.695	ng	99
30) 1,2,4-Trichlorobenzene	10.602	180	223739	61.718	ng	96
31) Naphthalene	10.790	128	640863	60.831	ng	98
32) Benzoic acid	10.074	122	164671m	65.176	ng	
33) 4-Chloroaniline	10.890	127	308052	62.391	ng	98
34) Hexachlorobutadiene	11.078	225	156008	60.536	ng	97
35) Caprolactam	11.678	113	77161	61.838	ng	97
36) 4-Chloro-3-methylphenol	12.018	107	253051	61.908	ng	99
37) 2-Methylnaphthalene	12.394	142	486596	61.054	ng	98
38) 1-Methylnaphthalene	12.618	142	455572	60.549	ng	96
40) 1,2,4,5-Tetrachloroben...	12.765	216	302363	61.055	ng	98
41) Hexachlorocyclopentadiene	12.747	237	168118	66.390	ng	100
43) 2,4,6-Trichlorophenol	13.005	196	210869	61.232	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	257342	61.965	ng	97
46) 1,1'-Biphenyl	13.411	154	671718	61.557	ng	97
47) 2-Chloronaphthalene	13.446	162	516294	61.818	ng	97
48) 2-Nitroaniline	13.646	65	222935	65.048	ng	98
49) Acenaphthylene	14.298	152	864741	61.231	ng	99
50) Dimethylphthalate	14.034	163	774079	60.782	ng	100
51) 2,6-Dinitrotoluene	14.145	165	165084	63.601	ng	98
52) Acenaphthene	14.639	154	527691	61.610	ng	98
53) 3-Nitroaniline	14.474	138	176807	62.052	ng	95
54) 2,4-Dinitrophenol	14.680	184	101539	62.509	ng	97
55) Dibenzofuran	14.974	168	883634	61.072	ng	98
56) 4-Nitrophenol	14.786	139	139421	63.909	ng	96
57) 2,4-Dinitrotoluene	14.933	165	239218	64.494	ng	96
58) Fluorene	15.620	166	718273	59.849	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.197	232	232689	60.989	ng	99
60) Diethylphthalate	15.403	149	782914	61.377	ng	100
61) 4-Chlorophenyl-phenyle...	15.620	204	394451	59.292	ng	98
62) 4-Nitroaniline	15.643	138	185886	60.675	ng	98
63) Azobenzene	15.914	77	740493	61.593	ng	100
65) 4,6-Dinitro-2-methylph...	15.702	198	152457	67.030	ng	93
66) n-Nitrosodiphenylamine	15.831	169	683887	61.109	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	282659	61.891	ng	98
68) Hexachlorobenzene	16.625	284	308302	62.039	ng	97
69) Atrazine	16.783	200	232560	57.821	ng	94
70) Pentachlorophenol	16.971	266	222424	66.089	ng	96
71) Phenanthrene	17.359	178	1243771	60.273	ng	98
72) Anthracene	17.453	178	1275293	60.165	ng	98
73) Carbazole	17.723	167	1106637	59.923	ng	100
74) Di-n-butylphthalate	18.293	149	1342201	60.368	ng	99
75) Fluoranthene	19.374	202	1547847	58.930	ng	99
77) Benzidine	19.551	184	476839	56.736	ng	99
78) Pyrene	19.733	202	1577405	60.348	ng	99
80) Butylbenzylphthalate	20.638	149	593783	61.849	ng	96
81) Benzo(a)anthracene	21.560	228	1620681	60.234	ng	98
82) 3,3'-Dichlorobenzidine	21.478	252	569700	59.457	ng	99
83) Chrysene	21.625	228	1570317	61.125	ng	99
84) Bis(2-ethylhexyl)phtha...	21.490	149	872170	61.437	ng	99
85) Di-n-octyl phthalate	22.682	149	1507011	61.523	ng	99
87) Indeno(1,2,3-cd)pyrene	28.252	276	1924745	62.766	ng	98
88) Benzo(b)fluoranthene	23.716	252	1577491	62.873	ng	97
89) Benzo(k)fluoranthene	23.787	252	1587837	61.861	ng	99
90) Benzo(a)pyrene	24.562	252	1524011	61.609	ng	98
91) Dibenzo(a,h)anthracene	28.323	278	1589878	62.986	ng	97
92) Benzo(g,h,i)perylene	29.369	276	1551923	62.888	ng	99

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

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