Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030624\
Data File : BG060579.D
Acq On : 6 Mar 2024 19:53
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 07 02:36:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 07 02:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.326	152	81680	20.000	ng		0.00
21) Naphthalene-d8	11.176	136	343637	20.000	ng		0.00
39) Acenaphthene-d10	14.953	164	225030	20.000	ng		0.00
64) Phenanthrene-d10	17.703	188	501356	20.000	ng		0.00
76) Chrysene-d12	22.028	240	448521	20.000	ng		0.00
86) Perylene-d12	25.588	264	521644	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.811	112	627413	123.518	ng		0.00
7) Phenol-d6	7.439	99	908100	120.773	ng		0.00
23) Nitrobenzene-d5	9.530	82	719172	124.742	ng		0.00
42) 2,4,6-Tribromophenol	16.440	330	344333	120.713	ng		0.00
45) 2-Fluorobiphenyl	13.585	172	2018255	117.956	ng		0.00
79) Terphenyl-d14	20.283	244	2852667	113.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.649	88	131070	58.398	ng		98
3) Pyridine	4.072	79	366010m	59.646	ng		
4) n-Nitrosodimethylamine	3.996	42	208108	60.380	ng	#	97
6) Aniline	7.650	93	443001	58.912	ng		99
8) 2-Chlorophenol	7.874	128	334261	63.504	ng		99
9) Benzaldehyde	7.468	77	252766	55.353	ng		97
10) Phenol	7.468	94	445555	60.257	ng		95
11) bis(2-Chloroethyl)ether	7.744	93	351986	59.025	ng		99
12) 1,3-Dichlorobenzene	8.208	146	393680	59.620	ng		97
13) 1,4-Dichlorobenzene	8.361	146	396088	58.839	ng		98
14) 1,2-Dichlorobenzene	8.684	146	393777	60.263	ng		98
15) Benzyl Alcohol	8.567	79	340040	62.196	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.849	45	702188	60.424	ng		98
17) 2-Methylphenol	8.743	107	319592	60.232	ng		99
18) Hexachloroethane	9.413	117	135953	64.842	ng		96
19) n-Nitroso-di-n-propyla...	9.143	70	313990	61.729	ng		98
20) 3+4-Methylphenols	9.078	107	450018	62.718	ng		96
22) Acetophenone	9.172	105	611364	63.086	ng	#	99
24) Nitrobenzene	9.572	77	392062	60.185	ng		97
25) Isophorone	10.083	82	882555	62.320	ng		99
26) 2-Nitrophenol	10.277	139	123115	60.597	ng		94
27) 2,4-Dimethylphenol	10.300	122	268197	62.916	ng		95
28) bis(2-Chloroethoxy)met...	10.565	93	496508	62.153	ng		96
29) 2,4-Dichlorophenol	10.794	162	333036	61.283	ng		98
30) 1,2,4-Trichlorobenzene	11.017	180	368646	61.153	ng		99
31) Naphthalene	11.228	128	1205005	60.832	ng		99
32) Benzoic acid	10.435	122	198732m	62.075	ng		
33) 4-Chloroaniline	11.340	127	458086	61.424	ng		99
34) Hexachlorobutadiene	11.458	225	254533	62.008	ng		97
35) Caprolactam	12.151	113	115602	67.984	ng		98
36) 4-Chloro-3-methylphenol	12.409	107	418509	67.378	ng		97
37) 2-Methylnaphthalene	12.803	142	812599	61.408	ng		98
38) 1-Methylnaphthalene	13.020	142	796129	60.154	ng		95
40) 1,2,4,5-Tetrachloroben...	13.144	216	429250	61.848	ng		99
41) Hexachlorocyclopentadiene	13.103	237	152233	61.341	ng		98
43) 2,4,6-Trichlorophenol	13.385	196	274290	61.165	ng		97

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.449	196	302343	61.283	ng		99
46) 1,1'-Biphenyl	13.796	154	1067635	60.728	ng		100
47) 2-Chloronaphthalene	13.849	162	856272	60.727	ng		98
48) 2-Nitroaniline	14.060	65	218983	62.560	ng		96
49) Acenaphthylene	14.689	152	1294120	60.519	ng		98
50) Dimethylphthalate	14.407	163	1048475	62.751	ng		100
51) 2,6-Dinitrotoluene	14.542	165	164799	61.674	ng		94
52) Acenaphthene	15.018	154	791416	59.583	ng		99
53) 3-Nitroaniline	14.883	138	185878	62.230	ng	#	88
54) 2,4-Dinitrophenol	15.065	184	66972	60.712	ng		89
55) Dibenzofuran	15.353	168	1248583	59.338	ng		98
56) 4-Nitrophenol	15.142	139	152217	61.802	ng		94
57) 2,4-Dinitrotoluene	15.318	165	204445	62.067	ng	#	90
58) Fluorene	15.999	166	1021915	59.345	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.553	232	251094	60.108	ng		98
60) Diethylphthalate	15.747	149	1098502	62.309	ng		99
61) 4-Chlorophenyl-phenyle...	15.982	204	507803	59.013	ng		99
62) 4-Nitroaniline	16.040	138	212938	62.242	ng		100
63) Azobenzene	16.281	77	1107646	60.197	ng		98
65) 4,6-Dinitro-2-methylph...	16.064	198	98853	61.624	ng		98
66) n-Nitrosodiphenylamine	16.205	169	912109	60.165	ng		98
67) 4-Bromophenyl-phenylether	16.881	248	334413	59.735	ng		95
68) Hexachlorobenzene	16.969	284	401724	60.871	ng		95
69) Atrazine	17.133	200	193063	51.192	ng		98
70) Pentachlorophenol	17.321	266	234572	61.077	ng		96
71) Phenanthrene	17.744	178	1579012	59.260	ng		98
72) Anthracene	17.838	178	1593819	60.287	ng		98
73) Carbazole	18.115	167	1488789	59.917	ng		99
74) Di-n-butylphthalate	18.626	149	1806053	64.444	ng		99
75) Fluoranthene	19.736	202	1852336	58.776	ng		99
77) Benzidine	19.924	184	304304	59.944	ng		99
78) Pyrene	20.100	202	1927272	60.070	ng		99
80) Butylbenzylphthalate	20.970	149	757216	62.121	ng		98
81) Benzo(a)anthracene	22.004	228	1896959	61.286	ng		98
82) 3,3'-Dichlorobenzidine	21.916	252	627433	63.775	ng		98
83) Chrysene	22.080	228	1832417	60.925	ng		99
84) Bis(2-ethylhexyl)phtha...	21.857	149	1121134	61.691	ng		99
85) Di-n-octyl phthalate	23.191	149	1889350	61.958	ng		99
87) Indeno(1,2,3-cd)pyrene	29.724	276	2261336m	62.478	ng		
88) Benzo(b)fluoranthene	24.442	252	1881295	60.834	ng		99
89) Benzo(k)fluoranthene	24.525	252	1889702	61.788	ng		99
90) Benzo(a)pyrene	25.418	252	1697021	62.488	ng		97
91) Dibenzo(a,h)anthracene	29.818	278	1890540	63.515	ng		99
92) Benzo(g,h,i)perylene	31.046	276	1888221	62.295	ng		99

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

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