Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041421\
Data File : BG048690.D
Acq On : 14 Apr 2021 12:35
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 14 14:53:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 14 14:17:36 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
4/15/2021 11:45:05 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.090	152	18284	20.00	ng	#	0.00
21) Naphthalene-d8	10.916	136	72146	20.00	ng	#	0.00
39) Acenaphthene-d10	14.747	164	52612	20.00	ng		0.00
64) Phenanthrene-d10	17.497	188	128076	20.00	ng		0.00
76) Chrysene-d12	21.798	240	135642	20.00	ng	#	0.00
86) Perylene-d12	25.147	264	132859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	10818	10.45	ng		0.00
7) Phenol-d6	7.244	99	13955	9.29	ng		0.00
23) Nitrobenzene-d5	9.260	82	14823	9.95	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	6557	9.48	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	33890	9.57	ng		0.00
79) Terphenyl-d14	20.106	244	220088	29.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.502	88	2110	5.06	ng	#	70
3) Pyridine	3.925	79	4039	3.87	ng	#	66
4) n-Nitrosodimethylamine	3.825	42	4242	6.22	ng	#	73
6) Aniline	7.403	93	7661	4.44	ng		93
8) 2-Chlorophenol	7.650	128	5434	4.64	ng		93
9) Benzaldehyde	7.227	77	5273	5.49	ng	#	80
10) Phenol	7.274	94	7036	4.68	ng		91
11) bis(2-Chloroethyl)ether	7.497	93	4839	4.64	ng		85
12) 1,3-Dichlorobenzene	7.973	146	6448m	4.89	ng		
13) 1,4-Dichlorobenzene	8.132	146	6769m	5.09	ng		
14) 1,2-Dichlorobenzene	8.443	146	6589m	5.18	ng		
15) Benzyl Alcohol	8.337	79	5886	4.78	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.625	45	4973	4.94	ng		87
17) 2-Methylphenol	8.537	107	4632	4.76	ng	#	68
18) Hexachloroethane	9.189	117	2790	5.65	ng	#	80
19) n-Nitroso-di-n-propyla...	8.895	70	5345	5.16	ng	#	89
20) 3+4-Methylphenols	8.866	107	6337	4.69	ng		92
22) Acetophenone	8.919	105	8708	4.68	ng	#	86
24) Nitrobenzene	9.295	77	7450	5.09	ng	#	82
25) Isophorone	9.824	82	13470	4.89	ng	#	97
26) 2-Nitrophenol	10.029	139	3455	5.14	ng		91
27) 2,4-Dimethylphenol	10.076	122	4873	4.61	ng		99
28) bis(2-Chloroethoxy)met...	10.305	93	5963	4.73	ng	#	91
29) 2,4-Dichlorophenol	10.558	162	5184	4.33	ng		90
30) 1,2,4-Trichlorobenzene	10.775	180	6239	4.54	ng	#	94
31) Naphthalene	10.963	128	18357	4.95	ng		96
32) Benzoic acid	10.200	122	1752m	2.15	ng		
33) 4-Chloroaniline	11.075	127	7022	4.49	ng	#	84
34) Hexachlorobutadiene	11.251	225	4721	4.70	ng	#	86
35) Caprolactam	11.821	113	2401	5.50	ng	#	77
36) 4-Chloro-3-methylphenol	12.203	107	5811	4.32	ng	#	86
37) 2-Methylnaphthalene	12.573	142	13926m	4.72	ng		
38) 1-Methylnaphthalene	12.791	142	13185m	4.68	ng		
40) 1,2,4,5-Tetrachloroben...	12.938	216	8021	4.92	ng		97
43) 2,4,6-Trichlorophenol	13.179	196	5168m	4.61	ng		
44) 2,4,5-Trichlorophenol	13.261	196	5032	4.20	ng	#	84

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.578	154	17973	4.68	ng		96
47) 2-Chloronaphthalene	13.619	162	14082	4.81	ng		98
48) 2-Nitroaniline	13.819	65	4958	5.33	ng	#	66
49) Acenaphthylene	14.465	152	22895	4.99	ng		98
50) Dimethylphthalate	14.189	163	20363	5.21	ng	#	98
51) 2,6-Dinitrotoluene	14.313	165	4269	4.78	ng		93
52) Acenaphthene	14.806	154	14561	4.38	ng		93
53) 3-Nitroaniline	14.647	138	4281	4.89	ng	#	91
54) 2,4-Dinitrophenol	14.853	184	1489	2.96	ng	#	85
55) Dibenzofuran	15.141	168	23545	4.85	ng		95
56) 4-Nitrophenol	14.971	139	3476	4.92	ng	#	52
57) 2,4-Dinitrotoluene	15.100	165	6709	5.31	ng	#	98
58) Fluorene	15.793	166	19439	4.79	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.370	232	4681m	4.00	ng		
60) Diethylphthalate	15.546	149	20927	5.22	ng	#	95
61) 4-Chlorophenyl-phenyle...	15.781	204	10646	4.87	ng		94
62) 4-Nitroaniline	15.805	138	4615	5.04	ng		84
63) Azobenzene	16.075	77	19383	4.91	ng		92
65) 4,6-Dinitro-2-methylph...	15.870	198	3425	4.45	ng		83
66) n-Nitrosodiphenylamine	15.999	169	18135	4.98	ng		90
67) 4-Bromophenyl-phenylether	16.674	248	7228	5.09	ng	#	80
68) Hexachlorobenzene	16.798	284	7666	5.17	ng		93
69) Atrazine	16.939	200	8141	5.48	ng		80
70) Pentachlorophenol	17.162	266	2779	3.02	ng		93
71) Phenanthrene	17.538	178	32257	4.85	ng		96
72) Anthracene	17.632	178	31975m	4.83	ng		
73) Carbazole	17.902	167	32168	5.12	ng		96
74) Di-n-butylphthalate	18.455	149	35740	5.09	ng	#	96
75) Fluoranthene	19.553	202	44098	5.35	ng		95
77) Benzidine	19.730	184	21680m	4.72	ng		
78) Pyrene	19.918	202	46147	4.95	ng		97
80) Butylbenzylphthalate	20.793	149	33811	9.76	ng		97
81) Benzo(a)anthracene	21.780	228	73366	8.10	ng		98
82) 3,3'-Dichlorobenzidine	21.686	252	22181	7.12	ng		91
83) Chrysene	21.845	228	65456m	7.57	ng		
84) Bis(2-ethylhexyl)phtha...	21.669	149	53768	11.14	ng		94
85) Di-n-octyl phthalate	22.926	149	80470	9.57	ng		96
87) Indeno(1,2,3-cd)pyrene	28.960	276	78323m	8.41	ng		
88) Benzo(b)fluoranthene	24.072	252	70093	8.12	ng	#	94
89) Benzo(k)fluoranthene	24.142	252	68964	8.31	ng		99
90) Benzo(a)pyrene	24.982	252	60887	7.66	ng	#	96
91) Dibenzo(a,h)anthracene	29.042	278	64760	8.15	ng		99
92) Benzo(g,h,i)perylene	30.159	276	64329	8.26	ng	#	97

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

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