Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038502.D
Acq On : 12 Dec 2018 14:31
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
Sohil
12/13/2018 3:06:52 PM

Quant Time: Dec 12 15:19:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 14:24:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24667	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	101578	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	66949	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	169318	20.00	ng		0.00
76) Chrysene-d12	21.72	240	176937	20.00	ng		0.00
87) Perylene-d12	25.03	264	186889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	27815	20.10	ng		0.00
7) Phenol-d6	7.21	99	38271	20.21	ng		0.00
23) Nitrobenzene-d5	9.24	82	40990	21.42	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	18201	19.78	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	100780	20.63	ng		0.00
79) Terphenyl-d14	20.04	244	172012	21.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	6236	9.532	ng		97
3) Pyridine	3.90	79	14819	8.194	ng		97
4) n-Nitrosodimethylamine	3.83	42	7280	8.254	ng	#	86
6) Aniline	7.39	93	24824	10.274	ng		98
8) 2-Chlorophenol	7.62	128	16262	10.161	ng		94
9) Benzaldehyde	7.21	77	14556	12.312	ng		91
10) Phenol	7.24	94	19814	9.754	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	16171	10.002	ng		95
12) 1,3-Dichlorobenzene	7.95	146	18979	9.991	ng		99
13) 1,4-Dichlorobenzene	8.10	146	20007	10.359	ng		95
14) 1,2-Dichlorobenzene	8.42	146	19203	10.523	ng		97
15) Benzyl Alcohol	8.30	79	14367	9.636	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	38418	10.476	ng		96
17) 2-Methylphenol	8.50	107	13583	9.997	ng		93
18) Hexachloroethane	9.15	117	7481	10.609	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	13409	10.040	ng	#	95
20) 3+4-Methylphenols	8.83	107	17734	9.464	ng		96
22) Acetophenone	8.89	105	26376	10.789	ng	#	94
24) Nitrobenzene	9.28	77	20320	10.438	ng		96
25) Isophorone	9.79	82	33146	9.592	ng	#	96
26) 2-Nitrophenol	10.00	139	9230	9.299	ng		99
27) 2,4-Dimethylphenol	10.04	122	14812	10.491	ng		85
28) bis(2-Chloroethoxy)methane	10.28	93	20686	10.574	ng	#	94
29) 2,4-Dichlorophenol	10.53	162	15982	10.049	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	19740	10.049	ng		96
31) Naphthalene	10.93	128	50894	10.205	ng		97
32) Benzoic acid	10.19	122	2108m	2.688	ng		
33) 4-Chloroaniline	11.05	127	21032	9.978	ng		96
34) Hexachlorobutadiene	11.19	225	13026	9.974	ng	#	87
35) Caprolactam	11.81	113	6127	9.404	ng	#	84
36) 4-Chloro-3-methylphenol	12.15	107	17354	9.612	ng		87
37) 2-Methylnaphthalene	12.53	142	36048	10.419	ng		99
38) 1-Methylnaphthalene	12.75	142	35686	10.699	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	24826	9.875	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	11680	8.489	ng		99
43) 2,4,6-Trichlorophenol	13.13	196	14810	9.642	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	16164	9.974	ng		97
46) 1,1'-Biphenyl	13.53	154	56482	10.035	ng		98
47) 2-Chloronaphthalene	13.58	162	44079	10.200	ng		99
48) 2-Nitroaniline	13.79	65	13768	9.971	ng		99
49) Acenaphthylene	14.42	152	65895	10.139	ng		99
50) Dimethylphthalate	14.15	163	56332	10.275	ng		98
51) 2,6-Dinitrotoluene	14.28	165	12250	9.848	ng		90
52) Acenaphthene	14.76	154	38929	10.030	ng		99
53) 3-Nitroaniline	14.62	138	12318	9.699	ng		96
54) 2,4-Dinitrophenol	14.82	184	4306	6.698	ng		97
55) Dibenzofuran	15.10	168	67644	10.196	ng		97
56) 4-Nitrophenol	14.91	139	7994	8.289	ng		97
57) 2,4-Dinitrotoluene	15.06	165	17472	10.001	ng		98
58) Fluorene	15.74	166	50766	10.303	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	13593	9.273	ng	#	98
60) Diethylphthalate	15.50	149	68909	11.513	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	31793	10.395	ng		97
62) 4-Nitroaniline	15.78	138	13698	10.582	ng		87
63) Azobenzene	16.03	77	51083	10.158	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	10815	8.970	ng		97
66) n-Nitrosodiphenylamine	15.95	169	50032	10.035	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	20636	9.997	ng		96
68) Hexachlorobenzene	16.74	284	21351	9.981	ng		97
69) Atrazine	16.88	200	19713	10.620	ng		97
70) Pentachlorophenol	17.09	266	9949	7.877	ng		93
71) Phenanthrene	17.49	178	90159	10.294	ng		98
72) Anthracene	17.58	178	88841	10.237	ng		99
73) Carbazole	17.85	167	88548	10.334	ng		99
74) Di-n-butylphthalate	18.39	149	100559	10.188	ng		98
75) Fluoranthene	19.49	202	110142	10.105	ng		96
77) Benzidine	19.68	184	36605	6.576	ng		95
78) Pyrene	19.86	202	144319	12.844	ng		98
80) Butylbenzylphthalate	20.73	149	43506	9.492	ng		96
81) Benzo(a)anthracene	21.70	228	105610	9.753	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	40370	9.384	ng		97
83) Chrysene	21.77	228	101988	9.788	ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	61517	9.285	ng		98
85) Di-n-octyl phthalate	22.81	149	103961	9.592	ng		98
86) Indeno(1,2,3-cd)pyrene	28.80	276	115722	9.305	ng	#	59
88) Benzo(b)fluoranthene	23.96	252	100538	9.774	ng		99
89) Benzo(k)fluoranthene	24.03	252	103410m	10.121	ng		
90) Benzo(a)pyrene	24.87	252	98148	9.914	ng		100
91) Dibenzo(a,h)anthracene	28.86	278	97641	9.733	ng		98
92) Benzo(g,h,i)perylene	29.99	276	98291	10.163	ng		97

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

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