Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034946.D
Acq On : 7 Jun 2018 9:59
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
6/8/2018 4:44:35 PM

Quant Time: Jun 07 11:33:28 2018
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 11:19:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	30553	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	126493	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	88991	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	231232	20.00	ng		0.00
75) Chrysene-d12	21.73	240	241620	20.00	ng		0.00
86) Perylene-d12	24.97	264	239814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	92974	46.87	ng		0.00
7) Phenol-d6	7.22	99	138510	43.16	ng		0.00
23) Nitrobenzene-d5	9.24	82	131618	39.75	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	57657	37.62	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	342197	52.20	ng		0.00
78) Terphenyl-d14	20.06	244	587769	53.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	21540	26.437	ng	#	77
3) Pyridine	3.96	79	60268	22.936	ng	#	75
4) n-Nitrosodimethylamine	3.87	42	23357	15.197	ng	#	93
6) Aniline	7.40	93	91452	21.832	ng		98
8) 2-Chlorophenol	7.64	128	49167	23.438	ng		95
9) Benzaldehyde	7.22	77	55064	24.834	ng		96
10) Phenol	7.25	94	70102	21.905	ng		88
11) bis(2-Chloroethyl)ether	7.50	93	53813	22.258	ng		94
12) 1,3-Dichlorobenzene	7.97	146	57725	23.383	ng	#	92
13) 1,4-Dichlorobenzene	8.12	146	60162	23.934	ng		96
14) 1,2-Dichlorobenzene	8.43	146	54572	22.118	ng		92
15) Benzyl Alcohol	8.32	79	65544	19.960	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.60	45	55145m	20.097	ng		
17) 2-Methylphenol	8.51	107	45659	21.238	ng	#	85
18) Hexachloroethane	9.17	117	22113	20.910	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	58002	22.069	ng	#	87
20) 3+4-Methylphenols	8.83	107	66333	22.130	ng		93
22) Acetophenone	8.90	105	99104	24.524	ng	#	94
24) Nitrobenzene	9.28	77	68257	19.861	ng	#	90
25) Isophorone	9.81	82	139466	21.729	ng		97
26) 2-Nitrophenol	10.00	139	21005	17.115	ng	#	86
27) 2,4-Dimethylphenol	10.05	122	47783	22.267	ng		89
28) bis(2-Chloroethoxy)methane	10.29	93	79500	24.609	ng		96
29) 2,4-Dichlorophenol	10.53	162	54246	24.241	ng		91
30) 1,2,4-Trichlorobenzene	10.75	180	65669	24.681	ng		95
31) Naphthalene	10.94	128	165925	25.229	ng		99
32) Benzoic acid	10.13	122	30152	19.841	ng		89
33) 4-Chloroaniline	11.04	127	72446	25.258	ng	#	91
34) Hexachlorobutadiene	11.23	225	50417	23.850	ng		95
35) Caprolactam	11.80	113	20949	24.625	ng	#	63
36) 4-Chloro-3-methylphenol	12.15	107	67637	22.432	ng		93
37) 2-Methylnaphthalene	12.54	142	124958	23.527	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	82615	24.702	ng		99
40) Hexachlorocyclopentadiene	12.89	237	51235	19.564	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	48798	23.453	ng		97
43) 2,4,5-Trichlorophenol	13.20	196	55437	24.283	ng		98
45) 1,1'-Biphenyl	13.55	154	178128	25.415	ng		97
46) 2-Chloronaphthalene	13.58	162	135844	24.623	ng		99
47) 2-Nitroaniline	13.78	65	36324	16.116	ng		93
48) Acenaphthylene	14.43	152	231465	27.415	ng		98
49) Dimethylphthalate	14.16	163	194045	25.262	ng		99
50) 2,6-Dinitrotoluene	14.27	165	34940	22.181	ng		90
51) Acenaphthene	14.77	154	144230	26.350	ng		97
52) 3-Nitroaniline	14.60	138	36172	24.845	ng	#	90
53) 2,4-Dinitrophenol	14.80	184	13546	13.071	ng	#	68
54) Dibenzofuran	15.10	168	219686	24.468	ng		92
55) 4-Nitrophenol	14.89	139	27655	21.616	ng	#	86
56) 2,4-Dinitrotoluene	15.05	165	44577	19.064	ng	#	91
57) Fluorene	15.75	166	186303	26.587	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.32	232	53065	21.307	ng		99
59) Diethylphthalate	15.52	149	202232	25.316	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	104436	25.097	ng		96
61) 4-Nitroaniline	15.76	138	39311	23.818	ng	#	81
62) Azobenzene	16.04	77	193270	22.790	ng		95
64) 4,6-Dinitro-2-methylphenol	15.81	198	23693	15.979	ng		84
65) n-Nitrosodiphenylamine	15.96	169	172744	25.547	ng		94
66) 4-Bromophenyl-phenylether	16.64	248	69063	22.695	ng	#	92
67) Hexachlorobenzene	16.75	284	70082	20.841	ng		97
68) Atrazine	16.91	200	76518	25.534	ng		96
69) Pentachlorophenol	17.09	266	47540	23.443	ng		95
70) Phenanthrene	17.49	178	294843	23.411	ng		99
71) Anthracene	17.58	178	297333	23.299	ng		97
72) Carbazole	17.85	167	274982	26.037	ng		96
73) Di-n-butylphthalate	18.42	149	335885	25.688	ng	#	97
74) Fluoranthene	19.50	202	395066	25.524	ng		96
76) Benzidine	19.67	184	224728	36.762	ng		99
77) Pyrene	19.85	202	401427	26.542	ng		99
79) Butylbenzylphthalate	20.76	149	146206	25.072	ng	#	97
80) Benzo(a)anthracene	21.70	228	381947	24.327	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	148493	24.317	ng	#	99
82) Chrysene	21.77	228	352367	24.471	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	210101	26.528	ng		99
84) Di-n-octyl phthalate	22.88	149	353705	26.680	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.67	276	414851	22.517	ng	#	84
87) Benzo(b)fluoranthene	23.94	252	369443	24.346	ng	#	97
88) Benzo(k)fluoranthene	24.01	252	364946	25.317	ng	#	97
89) Benzo(a)pyrene	24.82	252	349884	24.292	ng	#	95
90) Dibenzo(a,h)anthracene	28.76	278	346831	24.282	ng	#	96
91) Benzo(g,h,i)perylene	29.83	276	334474	23.295	ng	#	95

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

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