Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027707.D
Acq On : 28 Jun 2017 13:35
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
mohammad
6/29/2017 4:48:15 PM

Quant Time: Jun 28 15:49:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:38:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	35988	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	185395	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	121196	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	300993	20.00	ng		0.00
75) Chrysene-d12	22.17	240	303026	20.00	ng		0.00
86) Perylene-d12	25.78	264	279980	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.05	112	118332	46.80	ng		0.00
7) Phenol-d6	7.62	99	181538	48.50	ng		0.00
23) Nitrobenzene-d5	9.64	82	167090	42.65	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	82385	45.60	ng		0.00
44) 2-Fluorobiphenyl	13.68	172	427129	48.14	ng		0.00
78) Terphenyl-d14	20.39	244	669964	52.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	23163	23.594	ng	#	91
3) Pyridine	4.43	79	68127	21.436	ng		95
4) n-Nitrosodimethylamine	4.34	42	32032	22.084	ng	#	78
6) Aniline	7.80	93	104128	22.793	ng		95
8) 2-Chlorophenol	8.04	128	66019	24.675	ng		90
9) Benzaldehyde	7.62	77	56824	22.340	ng		86
10) Phenol	7.64	94	87770	23.016	ng		80
11) bis(2-Chloroethyl)ether	7.88	93	67711	22.686	ng		96
12) 1,3-Dichlorobenzene	8.37	146	69109	24.469	ng	#	93
13) 1,4-Dichlorobenzene	8.51	146	71769	25.169	ng		93
14) 1,2-Dichlorobenzene	8.84	146	69068	24.650	ng		92
15) Benzyl Alcohol	8.70	79	62186	20.806	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	143832	29.044	ng		98
17) 2-Methylphenol	8.90	107	63823	23.784	ng	#	85
18) Hexachloroethane	9.57	117	25969	23.224	ng	#	75
19) n-Nitroso-di-n-propylamine	9.26	70	65068	21.884	ng		98
20) 3+4-Methylphenols	9.22	107	89170	24.271	ng		90
22) Acetophenone	9.30	105	112891	22.204	ng	#	87
24) Nitrobenzene	9.68	77	87752	20.433	ng	#	86
25) Isophorone	10.19	82	183796	22.832	ng	#	96
26) 2-Nitrophenol	10.40	139	38333	24.131	ng	#	80
27) 2,4-Dimethylphenol	10.44	122	74013	24.671	ng		92
28) bis(2-Chloroethoxy)methane	10.67	93	103579	22.830	ng		98
29) 2,4-Dichlorophenol	10.93	162	63938	24.675	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	65492	22.107	ng		98
31) Naphthalene	11.35	128	246930	24.642	ng		98
32) Benzoic acid	10.52	122	33422m	17.658	ng		
33) 4-Chloroaniline	11.45	127	109131	25.679	ng	#	89
34) Hexachlorobutadiene	11.62	225	35981	20.098	ng		95
35) Caprolactam	12.20	113	32722	27.095	ng		95
36) 4-Chloro-3-methylphenol	12.52	107	92453	23.265	ng		94
37) 2-Methylnaphthalene	12.92	142	186530	25.614	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	78175	20.569	ng		98
40) Hexachlorocyclopentadiene	13.25	237	34070	16.724	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	56600	23.047	ng		98
43) 2,4,5-Trichlorophenol	13.57	196	65502	22.697	ng	#	92
45) 1,1'-Biphenyl	13.90	154	244068	24.152	ng		99
46) 2-Chloronaphthalene	13.95	162	183367	24.397	ng		98
47) 2-Nitroaniline	14.14	65	73062	21.654	ng	#	87
48) Acenaphthylene	14.79	152	342539	26.009	ng		96
49) Dimethylphthalate	14.50	163	260612	24.559	ng		98
50) 2,6-Dinitrotoluene	14.62	165	57419	24.936	ng	#	79
51) Acenaphthene	15.13	154	216296	23.571	ng		96
52) 3-Nitroaniline	14.96	138	68295	28.099	ng	#	81
53) 2,4-Dinitrophenol	15.16	184	21444	16.477	ng	#	89
54) Dibenzofuran	15.46	168	283694	23.735	ng		96
55) 4-Nitrophenol	15.25	139	52035	25.571	ng	#	58
56) 2,4-Dinitrotoluene	15.41	165	81299	24.899	ng	#	88
57) Fluorene	16.11	166	277734	24.535	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	55422m	21.809	ng		
59) Diethylphthalate	15.85	149	292840	25.290	ng		93
60) 4-Chlorophenyl-phenylether	16.09	204	122111	21.921	ng		95
61) 4-Nitroaniline	16.12	138	72550	27.207	ng	#	64
62) Azobenzene	16.38	77	259520	21.858	ng		92
64) 4,6-Dinitro-2-methylphenol	16.18	198	39097	20.454	ng		86
65) n-Nitrosodiphenylamine	16.30	169	241944	26.221	ng		96
66) 4-Bromophenyl-phenylether	16.99	248	75116	22.691	ng		93
67) Hexachlorobenzene	17.11	284	80039	22.625	ng		93
68) Atrazine	17.24	200	77911	23.049	ng		97
69) Pentachlorophenol	17.45	266	42230	19.217	ng		99
70) Phenanthrene	17.86	178	431632	25.208	ng		94
71) Anthracene	17.94	178	438250	25.420	ng		97
72) Carbazole	18.21	167	433334	25.800	ng		94
73) Di-n-butylphthalate	18.74	149	479743	25.493	ng	#	92
74) Fluoranthene	19.85	202	469469	23.533	ng		91
76) Benzidine	20.02	184	168394	22.642	ng		97
77) Pyrene	20.21	202	486883	26.431	ng		94
79) Butylbenzylphthalate	21.08	149	214539	27.905	ng	#	90
80) Benzo(a)anthracene	22.15	228	459314	25.263	ng		94
81) 3,3'-Dichlorobenzidine	22.05	252	169313	25.757	ng	#	95
82) Chrysene	22.23	228	429508	24.931	ng		95
83) Bis(2-ethylhexyl)phthalate	22.00	149	315085	27.959	ng	#	95
84) Di-n-octyl phthalate	23.34	149	528337	28.186	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.92	276	487519	24.832	ng	#	92
87) Benzo(b)fluoranthene	24.62	252	443053	24.750	ng	#	94
88) Benzo(k)fluoranthene	24.70	252	443400	25.317	ng	#	92
89) Benzo(a)pyrene	25.61	252	417544	24.716	ng	#	93
90) Dibenzo(a,h)anthracene	30.00	278	421041	24.468	ng	#	91
91) Benzo(g,h,i)perylene	31.23	276	403173	24.122	ng	#	86

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

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