Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027705.D
Acq On : 28 Jun 2017 12:16
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
6/29/2017 4:48:09 PM

Quant Time: Jun 28 16:07:42 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	8.47	152	36124	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	171470	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	110108	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	295842	20.00	ng		0.00
75) Chrysene-d12	22.17	240	307972	20.00	ng		0.00
86) Perylene-d12	25.79	264	288150	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	10688	4.21	ng		0.00
7) Phenol-d6	7.61	99	15213	4.05	ng		0.00
23) Nitrobenzene-d5	9.64	82	14411	3.98	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	5899	3.59	ng		0.00
44) 2-Fluorobiphenyl	13.68	172	36859	4.57	ng		0.00
78) Terphenyl-d14	20.39	244	59353	4.54	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	4.35	42	3746	2.573	ng	#	95
8) 2-Chlorophenol	8.04	128	5921	2.205	ng		79
9) Benzaldehyde	7.62	77	5773	2.261	ng	#	77
10) Phenol	7.64	94	7875	2.057	ng	#	77
11) bis(2-Chloroethyl)ether	7.89	93	6010	2.006	ng		83
12) 1,3-Dichlorobenzene	8.37	146	6689m	2.359	ng		
13) 1,4-Dichlorobenzene	8.51	146	7026	2.455	ng		96
14) 1,2-Dichlorobenzene	8.83	146	6564	2.334	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.98	45	14449	2.907	ng		96
18) Hexachloroethane	9.57	117	2347	2.091	ng	#	84
20) 3+4-Methylphenols	9.22	107	7465	2.024	ng		86
22) Acetophenone	9.30	105	9984	2.123	ng	#	98
25) Isophorone	10.20	82	15158	2.036	ng		96
27) 2,4-Dimethylphenol	10.44	122	5917	2.133	ng		88
28) bis(2-Chloroethoxy)methane	10.67	93	8878	2.116	ng	#	97
29) 2,4-Dichlorophenol	10.93	162	4997	2.085	ng		87
30) 1,2,4-Trichlorobenzene	11.15	180	5883	2.147	ng	#	89
31) Naphthalene	11.35	128	21929	2.366	ng		98
33) 4-Chloroaniline	11.45	127	7941	2.020	ng	#	86
34) Hexachlorobutadiene	11.62	225	3340	2.017	ng		95
35) Caprolactam	12.19	113	2727	2.441	ng	#	81
37) 2-Methylnaphthalene	12.91	142	15385	2.284	ng		87
45) 1,1'-Biphenyl	13.90	154	20953	2.282	ng		96
46) 2-Chloronaphthalene	13.95	162	15851	2.321	ng		94
48) Acenaphthylene	14.79	152	27518	2.300	ng		98
49) Dimethylphthalate	14.50	163	22703	2.355	ng		98
51) Acenaphthene	15.12	154	17829	2.139	ng		100
52) 3-Nitroaniline	14.96	138	4933	2.234	ng	#	84
54) Dibenzofuran	15.46	168	25374	2.337	ng		92
57) Fluorene	16.10	166	23882	2.322	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	4833	2.093	ng	#	87
59) Diethylphthalate	15.85	149	26264	2.497	ng		94
61) 4-Nitroaniline	16.12	138	5087	2.100	ng	#	69
65) n-Nitrosodiphenylamine	16.30	169	20814	2.295	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) Hexachlorobenzene	17.11	284	7089	2.039	ng		97
68) Atrazine	17.23	200	6736	2.027	ng		93
70) Phenanthrene	17.86	178	40317	2.396	ng		93
71) Anthracene	17.94	178	39571	2.335	ng		99
72) Carbazole	18.21	167	38358	2.324	ng		97
73) Di-n-butylphthalate	18.74	149	40738	2.202	ng	#	94
74) Fluoranthene	19.85	202	42532	2.169	ng		91
77) Pyrene	20.21	202	45395	2.425	ng		92
79) Butylbenzylphthalate	21.08	149	20065	2.568	ng	#	82
80) Benzo(a)anthracene	22.15	228	43677	2.364	ng	#	91
81) 3,3'-Dichlorobenzidine	22.05	252	13795	2.065	ng	#	88
82) Chrysene	22.22	228	40364	2.305	ng	#	91
83) Bis(2-ethylhexyl)phthalate	22.00	149	29392	2.566	ng	#	88
84) Di-n-octyl phthalate	23.34	149	44579	2.340	ng	#	95
85) Indeno(1,2,3-cd)pyrene	29.92	276	41521	2.081	ng	#	48
87) Benzo(b)fluoranthene	24.62	252	39128	2.124	ng	#	96
88) Benzo(k)fluoranthene	24.69	252	38695	2.147	ng	#	90
89) Benzo(a)pyrene	25.61	252	36247	2.085	ng	#	85
90) Dibenzo(a,h)anthracene	29.99	278	35799	2.021	ng	#	88
91) Benzo(g,h,i)perylene	31.22	276	36278	2.109	ng	#	79

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

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