Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027712.D
Acq On : 28 Jun 2017 16:52
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG062817

Manual Integrations APPROVED
mohammad
6/29/2017 4:48:37 PM

Quant Time: Jun 29 07:03:31 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 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	36607	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	191097	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	124758	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	300596	20.00	ng		0.00
75) Chrysene-d12	22.18	240	311496	20.00	ng		0.00
86) Perylene-d12	25.79	264	280547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	195974	82.44	ng		0.00
7) Phenol-d6	7.62	99	300936	82.86	ng		0.00
23) Nitrobenzene-d5	9.65	82	282991	82.55	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	147688	86.31	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	719384	82.35	ng		0.00
78) Terphenyl-d14	20.39	244	1108307	83.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	32905	37.178	ng		91
3) Pyridine	4.43	79	111627	40.960	ng		95
4) n-Nitrosodimethylamine	4.34	42	50789	38.003	ng	#	75
6) Aniline	7.80	93	178503	42.403	ng		97
8) 2-Chlorophenol	8.04	128	109252	41.128	ng		91
9) Benzaldehyde	7.62	77	88523	40.964	ng		84
10) Phenol	7.64	94	148901	41.442	ng		80
11) bis(2-Chloroethyl)ether	7.88	93	113280	41.506	ng		94
12) 1,3-Dichlorobenzene	8.37	146	113585	40.199	ng	#	90
13) 1,4-Dichlorobenzene	8.51	146	117006	39.964	ng		96
14) 1,2-Dichlorobenzene	8.83	146	115541	40.701	ng		95
15) Benzyl Alcohol	8.71	79	105053	41.816	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	234905	40.353	ng		99
17) 2-Methylphenol	8.90	107	107361	42.235	ng	#	85
18) Hexachloroethane	9.57	117	41607	40.400	ng	#	82
19) n-Nitroso-di-n-propylamine	9.26	70	110707	41.901	ng		93
20) 3+4-Methylphenols	9.22	107	153962	42.000	ng		87
22) Acetophenone	9.29	105	188568	40.892	ng	#	88
24) Nitrobenzene	9.69	77	148705	41.489	ng	#	86
25) Isophorone	10.20	82	308764	41.318	ng	#	92
26) 2-Nitrophenol	10.40	139	67592	41.750	ng	#	78
27) 2,4-Dimethylphenol	10.43	122	127139	41.928	ng		92
28) bis(2-Chloroethoxy)methane	10.67	93	173884	41.043	ng		96
29) 2,4-Dichlorophenol	10.93	162	111868	42.097	ng		98
30) 1,2,4-Trichlorobenzene	11.15	180	110731	40.857	ng		95
31) Naphthalene	11.35	128	413640	40.703	ng		99
32) Benzoic acid	10.55	122	73073	41.009	ng	#	77
33) 4-Chloroaniline	11.44	127	186972	42.587	ng	#	88
34) Hexachlorobutadiene	11.62	225	61155	40.497	ng		97
35) Caprolactam	12.21	113	56599	42.345	ng		93
36) 4-Chloro-3-methylphenol	12.53	107	157930	42.235	ng		89
37) 2-Methylnaphthalene	12.92	142	313611m	41.432	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	134005	40.875	ng		98
40) Hexachlorocyclopentadiene	13.25	237	63687	41.203	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	98566	41.628	ng		95
43) 2,4,5-Trichlorophenol	13.58	196	113286	42.225	ng		94
45) 1,1'-Biphenyl	13.90	154	410571	41.058	ng		98
46) 2-Chloronaphthalene	13.95	162	310906	41.158	ng		98
47) 2-Nitroaniline	14.15	65	128856	42.616	ng	#	84
48) Acenaphthylene	14.79	152	571000	41.367	ng		98
49) Dimethylphthalate	14.50	163	436857	41.047	ng		98
50) 2,6-Dinitrotoluene	14.63	165	99269	42.908	ng	#	78
51) Acenaphthene	15.13	154	370122	41.836	ng		95
52) 3-Nitroaniline	14.97	138	116113	42.661	ng	#	79
53) 2,4-Dinitrophenol	15.17	184	47087	41.685	ng		91
54) Dibenzofuran	15.46	168	476760	40.755	ng		96
55) 4-Nitrophenol	15.26	139	91769	44.169	ng	#	52
56) 2,4-Dinitrotoluene	15.42	165	140779	43.627	ng	#	84
57) Fluorene	16.11	166	469691	41.411	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	96649m	41.789	ng		
59) Diethylphthalate	15.86	149	483474	41.026	ng		94
60) 4-Chlorophenyl-phenylether	16.09	204	212696	42.361	ng		96
61) 4-Nitroaniline	16.13	138	122483	43.196	ng	#	62
62) Azobenzene	16.38	77	433988	41.909	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	74908	40.946	ng		78
65) n-Nitrosodiphenylamine	16.31	169	403899	41.305	ng		100
66) 4-Bromophenyl-phenylether	16.99	248	129981	41.343	ng	#	89
67) Hexachlorobenzene	17.12	284	138752	41.673	ng		95
68) Atrazine	17.24	200	129649	41.996	ng		96
69) Pentachlorophenol	17.45	266	79586	40.720	ng		97
70) Phenanthrene	17.86	178	709829	40.904	ng		95
71) Anthracene	17.95	178	728809	41.590	ng		98
72) Carbazole	18.22	167	712612	41.292	ng		96
73) Di-n-butylphthalate	18.74	149	801994	42.288	ng	#	92
74) Fluoranthene	19.85	202	783654	41.320	ng		92
76) Benzidine	20.02	184	296521	40.528	ng		99
77) Pyrene	20.21	202	799500	40.898	ng		95
79) Butylbenzylphthalate	21.09	149	367009	41.685	ng	#	87
80) Benzo(a)anthracene	22.15	228	765803	40.664	ng		96
81) 3,3'-Dichlorobenzidine	22.05	252	285394	41.754	ng	#	97
82) Chrysene	22.23	228	726411	41.151	ng		95
83) Bis(2-ethylhexyl)phthalate	22.01	149	535664	41.634	ng	#	94
84) Di-n-octyl phthalate	23.35	149	892408	41.983	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	832301	41.254	ng	#	86
87) Benzo(b)fluoranthene	24.63	252	763784	42.258	ng	#	95
88) Benzo(k)fluoranthene	24.71	252	736452	41.221	ng	#	92
89) Benzo(a)pyrene	25.62	252	706318	41.646	ng	#	93
90) Dibenzo(a,h)anthracene	30.02	278	715739	41.657	ng	#	91
91) Benzo(g,h,i)perylene	31.25	276	685810	41.534	ng	#	87

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

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