Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
Data File : BG027566.D
Acq On : 21 Jun 2017 18:48
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG062117

Manual Integrations APPROVED
mohammad
6/22/2017 6:03:48 PM

Quant Time: Jun 21 19:38:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	24895	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	123854	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	79341	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	209025	20.00	ng		0.00
75) Chrysene-d12	22.21	240	228212	20.00	ng		0.00
86) Perylene-d12	25.84	264	208510	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	140075	80.08	ng		0.00
7) Phenol-d6	7.64	99	209578	80.93	ng		0.00
23) Nitrobenzene-d5	9.67	82	216259	82.62	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	100527	84.99	ng		0.00
44) 2-Fluorobiphenyl	13.72	172	473275	81.48	ng		0.00
78) Terphenyl-d14	20.42	244	799597	82.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	25594	37.687	ng		91
3) Pyridine	4.48	79	85439	38.863	ng	#	82
4) n-Nitrosodimethylamine	4.39	42	40125	39.991	ng	#	79
6) Aniline	7.83	93	128875	40.780	ng		95
8) 2-Chlorophenol	8.07	128	73831	39.891	ng		98
9) Benzaldehyde	7.65	77	72250	41.061	ng		90
10) Phenol	7.67	94	107818	40.872	ng		87
11) bis(2-Chloroethyl)ether	7.91	93	80948	39.205	ng		93
12) 1,3-Dichlorobenzene	8.40	146	76553	39.182	ng		99
13) 1,4-Dichlorobenzene	8.54	146	78333	39.713	ng		99
14) 1,2-Dichlorobenzene	8.86	146	77080	39.767	ng		95
15) Benzyl Alcohol	8.73	79	84147	40.699	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.02	45	135045	39.420	ng		92
17) 2-Methylphenol	8.92	107	73457	39.573	ng		94
18) Hexachloroethane	9.59	117	31713	40.999	ng	#	82
19) n-Nitroso-di-n-propylamine	9.29	70	83733	40.709	ng		89
20) 3+4-Methylphenols	9.25	107	103245	40.623	ng		96
22) Acetophenone	9.32	105	138150	40.674	ng	#	88
24) Nitrobenzene	9.72	77	118375	41.259	ng		95
25) Isophorone	10.23	82	222702	41.412	ng	#	98
26) 2-Nitrophenol	10.43	139	43232	40.738	ng		93
27) 2,4-Dimethylphenol	10.46	122	83248	41.538	ng		97
28) bis(2-Chloroethoxy)methane	10.70	93	124396	41.042	ng		100
29) 2,4-Dichlorophenol	10.96	162	72324	41.781	ng		95
30) 1,2,4-Trichlorobenzene	11.18	180	79289	40.064	ng		98
31) Naphthalene	11.37	128	273160	40.805	ng		99
32) Benzoic acid	10.57	122	56466	40.939	ng		97
33) 4-Chloroaniline	11.47	127	120638	42.491	ng		92
34) Hexachlorobutadiene	11.64	225	48188	40.291	ng		94
35) Caprolactam	12.24	113	34807	43.143	ng		96
36) 4-Chloro-3-methylphenol	12.55	107	114327	43.065	ng		99
37) 2-Methylnaphthalene	12.94	142	201922	41.505	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	102322	41.125	ng		97
40) Hexachlorocyclopentadiene	13.28	237	53522	40.133	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	67492	41.979	ng		97
43) 2,4,5-Trichlorophenol	13.61	196	76978	40.745	ng	#	95
45) 1,1'-Biphenyl	13.93	154	268912	40.648	ng		97
46) 2-Chloronaphthalene	13.98	162	200775	40.805	ng		94
47) 2-Nitroaniline	14.18	65	93673	42.408	ng		95
48) Acenaphthylene	14.82	152	357967	41.518	ng		97
49) Dimethylphthalate	14.53	163	286796	41.283	ng		97
50) 2,6-Dinitrotoluene	14.66	165	65701	43.585	ng		89
51) Acenaphthene	15.16	154	247719	41.236	ng		97
52) 3-Nitroaniline	14.99	138	70707	44.438	ng		95
53) 2,4-Dinitrophenol	15.19	184	37644	44.183	ng	#	78
54) Dibenzofuran	15.49	168	320629	40.977	ng		97
55) 4-Nitrophenol	15.28	139	56925	42.731	ng	#	78
56) 2,4-Dinitrotoluene	15.44	165	95893	44.862	ng	#	99
57) Fluorene	16.14	166	306685	41.386	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.71	232	71272m	42.841	ng		
59) Diethylphthalate	15.88	149	316537	41.758	ng		96
60) 4-Chlorophenyl-phenylether	16.12	204	148634	40.759	ng		95
61) 4-Nitroaniline	16.16	138	75878	43.466	ng	#	85
62) Azobenzene	16.41	77	321309	41.338	ng		92
64) 4,6-Dinitro-2-methylphenol	16.20	198	54977	41.418	ng		77
65) n-Nitrosodiphenylamine	16.33	169	259937	40.566	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	92625	40.291	ng	#	85
67) Hexachlorobenzene	17.14	284	97225	39.575	ng		95
68) Atrazine	17.27	200	94894	40.426	ng		97
69) Pentachlorophenol	17.48	266	63915	41.883	ng		98
70) Phenanthrene	17.89	178	480767	40.431	ng		94
71) Anthracene	17.98	178	484573	40.474	ng		97
72) Carbazole	18.24	167	462955	39.692	ng		97
73) Di-n-butylphthalate	18.77	149	531527	40.672	ng	#	94
74) Fluoranthene	19.88	202	553112	39.925	ng		93
76) Benzidine	20.05	184	223027	39.819	ng		97
77) Pyrene	20.24	202	573005	41.304	ng		95
79) Butylbenzylphthalate	21.12	149	241645	41.734	ng		97
80) Benzo(a)anthracene	22.19	228	552401	40.343	ng		94
81) 3,3'-Dichlorobenzidine	22.09	252	206665	41.746	ng	#	98
82) Chrysene	22.27	228	523837	40.375	ng		95
83) Bis(2-ethylhexyl)phthalate	22.04	149	358144	42.199	ng		98
84) Di-n-octyl phthalate	23.39	149	593797	42.063	ng	#	92
85) Indeno(1,2,3-cd)pyrene	30.04	276	607359	41.078	ng	#	94
87) Benzo(b)fluoranthene	24.68	252	553572	41.524	ng	#	96
88) Benzo(k)fluoranthene	24.76	252	545120	41.794	ng	#	93
89) Benzo(a)pyrene	25.68	252	515662	40.986	ng	#	95
90) Dibenzo(a,h)anthracene	30.12	278	531585	41.482	ng	#	95
91) Benzo(g,h,i)perylene	31.36	276	510595	41.020	ng	#	91

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

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