Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025362.D
Acq On : 21 Dec 2016 18:06
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG122116

Manual Integrations APPROVED
sohil
12/22/2016 7:03:16 PM

Quant Time: Dec 21 18:45:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	60358	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	242705	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	194133	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	445542	20.00	ng		0.00
75) Chrysene-d12	21.88	240	607376	20.00	ng		0.00
86) Perylene-d12	25.29	264	645261	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	254027	76.50	ng		0.00
7) Phenol-d6	7.37	99	364702	77.98	ng		0.00
23) Nitrobenzene-d5	9.40	82	435298	79.23	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	242727	77.66	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	940125	78.40	ng		0.00
78) Terphenyl-d14	20.16	244	1790062	78.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	51486	36.34	ng		94
3) Pyridine	4.01	79	158998	38.71	ng		96
4) n-Nitrosodimethylamine	3.92	42	92008	37.74	ng	#	97
6) Aniline	7.54	93	238613	37.65	ng		93
8) 2-Chlorophenol	7.78	128	143900	38.42	ng		95
9) Benzaldehyde	7.35	77	120980	35.35	ng		98
10) Phenol	7.40	94	195354	37.68	ng		91
11) bis(2-Chloroethyl)ether	7.63	93	149827	37.51	ng		97
12) 1,3-Dichlorobenzene	8.10	146	176015	38.83	ng		93
13) 1,4-Dichlorobenzene	8.25	146	168946	35.96	ng		95
14) 1,2-Dichlorobenzene	8.57	146	170847	38.11	ng		90
15) Benzyl Alcohol	8.45	79	177815	39.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.74	45	280686	37.94	ng		98
17) 2-Methylphenol	8.66	107	128952	37.88	ng		96
18) Hexachloroethane	9.30	117	67992	37.68	ng		84
19) n-Nitroso-di-n-propylamine	9.02	70	146803	37.16	ng		97
20) 3+4-Methylphenols	8.99	107	178686	37.92	ng		98
22) Acetophenone	9.05	105	256622	38.06	ng	#	96
24) Nitrobenzene	9.44	77	232007	38.50	ng		99
25) Isophorone	9.96	82	388924	39.10	ng		97
26) 2-Nitrophenol	10.16	139	94286	40.91	ng		94
27) 2,4-Dimethylphenol	10.20	122	150275	39.66	ng		95
28) bis(2-Chloroethoxy)methane	10.43	93	193073	37.37	ng		96
29) 2,4-Dichlorophenol	10.70	162	166500	41.06	ng		89
30) 1,2,4-Trichlorobenzene	10.90	180	183406	37.44	ng		97
31) Naphthalene	11.09	128	470755	38.84	ng		98
32) Benzoic acid	10.35	122	119474	39.21	ng	#	84
33) 4-Chloroaniline	11.21	127	204287	40.07	ng		95
34) Hexachlorobutadiene	11.35	225	153830	38.47	ng		99
35) Caprolactam	11.99	113	55985	36.75	ng		92
36) 4-Chloro-3-methylphenol	12.32	107	198395	39.64	ng		99
37) 2-Methylnaphthalene	12.68	142	350984	39.08	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	259633	40.51	ng	#	97
40) Hexachlorocyclopentadiene	13.00	237	75854	37.46	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.29	196	161020	39.90	ng		95
43) 2,4,5-Trichlorophenol	13.37	196	164844	39.02	ng		95
45) 1,1'-Biphenyl	13.68	154	512099	39.22	ng		96
46) 2-Chloronaphthalene	13.73	162	393085	38.53	ng		99
47) 2-Nitroaniline	13.94	65	173464	40.28	ng		96
48) Acenaphthylene	14.57	152	606708	38.37	ng		98
49) Dimethylphthalate	14.28	163	556166	39.30	ng		99
50) 2,6-Dinitrotoluene	14.42	165	115929	37.50	ng		98
51) Acenaphthene	14.91	154	408076	39.46	ng		95
52) 3-Nitroaniline	14.76	138	116165	39.08	ng		96
53) 2,4-Dinitrophenol	14.99	184	73849	39.19	ng		90
54) Dibenzofuran	15.24	168	633728	38.76	ng		95
55) 4-Nitrophenol	15.08	139	87508	39.42	ng		92
56) 2,4-Dinitrotoluene	15.22	165	180173	40.02	ng	#	94
57) Fluorene	15.89	166	524194	38.30	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.46	232	170334	37.64	ng	#	94
59) Diethylphthalate	15.63	149	573709	38.66	ng		97
60) 4-Chlorophenyl-phenylether	15.86	204	299342	38.59	ng		99
61) 4-Nitroaniline	15.93	138	128935	43.11	ng	#	85
62) Azobenzene	16.16	77	567913	39.68	ng		99
64) 4,6-Dinitro-2-methylphenol	15.99	198	130777	42.38	ng		96
65) n-Nitrosodiphenylamine	16.09	169	470854	39.10	ng		96
66) 4-Bromophenyl-phenylether	16.76	248	223689	40.70	ng		97
67) Hexachlorobenzene	16.89	284	250045	39.64	ng	#	90
68) Atrazine	17.02	200	203373	38.54	ng		94
69) Pentachlorophenol	17.24	266	126995	38.84	ng		93
70) Phenanthrene	17.63	178	912205	39.73	ng		94
71) Anthracene	17.72	178	911597	39.08	ng		98
72) Carbazole	18.00	167	829785	39.76	ng		94
73) Di-n-butylphthalate	18.51	149	1013693	39.49	ng		98
74) Fluoranthene	19.63	202	1219001	40.20	ng		93
76) Benzidine	19.80	184	513670	33.90	ng		98
77) Pyrene	19.99	202	1246376	39.26	ng		96
79) Butylbenzylphthalate	20.84	149	511897	40.16	ng		97
80) Benzo(a)anthracene	21.86	228	1349416	39.83	ng		96
81) 3,3'-Dichlorobenzidine	21.76	252	509212	38.70	ng	#	95
82) Chrysene	21.93	228	1287682	39.64	ng		96
83) Bis(2-ethylhexyl)phthalate	21.70	149	717928	40.48	ng	#	98
84) Di-n-octyl phthalate	22.96	149	1203959	40.88	ng		95
85) Indeno(1,2,3-cd)pyrene	29.23	276	1669079	40.41	ng		99
87) Benzo(b)fluoranthene	24.20	252	1367286m	38.84	ng		
88) Benzo(k)fluoranthene	24.27	252	1351699	39.76	ng		97
89) Benzo(a)pyrene	25.13	252	1346376	39.60	ng		99
90) Dibenzo(a,h)anthracene	29.28	278	1425925	39.57	ng		97
91) Benzo(g,h,i)perylene	30.46	276	1414786	39.51	ng		99

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

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