Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035620.D
Acq On : 13 Jul 2018 8:12
Operator : JU/SJ
Sample : PB111045BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111045BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:38 PM

Quant Time: Jul 13 11:57:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50899	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	208843	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	154238	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	418057	20.00	ng		0.00
75) Chrysene-d12	21.69	240	429334	20.00	ng		0.00
86) Perylene-d12	24.90	264	427486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	390025	127.22	ng		0.00
7) Phenol-d6	7.22	99	586740	128.27	ng		0.00
23) Nitrobenzene-d5	9.22	82	371221	74.26	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	247300	121.65	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	840987	73.05	ng		0.00
78) Terphenyl-d14	20.03	244	1438420	73.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	40241	25.789	ng	#	82
3) Pyridine	3.94	79	122307	30.025	ng	#	81
4) n-Nitrosodimethylamine	3.86	42	56198	32.130	ng	#	80
6) Aniline	7.39	93	187289	31.590	ng		96
8) 2-Chlorophenol	7.63	128	129115	41.409	ng		98
9) Benzaldehyde	7.19	77	88563	31.556	ng		94
10) Phenol	7.25	94	195473	42.299	ng		89
11) bis(2-Chloroethyl)ether	7.48	93	129797	35.865	ng		88
12) 1,3-Dichlorobenzene	7.95	146	133294	35.400	ng		95
13) 1,4-Dichlorobenzene	8.10	146	133812	34.977	ng		94
14) 1,2-Dichlorobenzene	8.41	146	129461	35.225	ng		97
15) Benzyl Alcohol	8.30	79	155229	37.371	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.58	45	157790	52.005	ng		81
17) 2-Methylphenol	8.50	107	134027	42.657	ng	#	90
18) Hexachloroethane	9.14	117	51388	35.130	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	127107	33.000	ng	#	86
20) 3+4-Methylphenols	8.83	107	183441	42.086	ng		95
22) Acetophenone	8.88	105	221955	34.176	ng	#	91
24) Nitrobenzene	9.26	77	184412	36.679	ng		92
25) Isophorone	9.78	82	362868	39.101	ng		100
26) 2-Nitrophenol	9.97	139	74047	41.469	ng	#	90
27) 2,4-Dimethylphenol	10.02	122	140343	46.432	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	189384	37.035	ng		96
29) 2,4-Dichlorophenol	10.51	162	153268	44.422	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	154183	36.443	ng		96
31) Naphthalene	10.91	128	391800	36.015	ng		98
32) Benzoic acid	10.17	122	52650	25.876	ng		88
33) 4-Chloroaniline	11.02	127	59019	12.447	ng	#	96
34) Hexachlorobutadiene	11.19	225	115491	35.007	ng		95
35) Caprolactam	11.80	113	54963m	37.121	ng		
36) 4-Chloro-3-methylphenol	12.14	107	188756	40.814	ng		92
37) 2-Methylnaphthalene	12.51	142	317683	39.196	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	211104	36.263	ng		99
40) Hexachlorocyclopentadiene	12.85	237	290384	95.113	ng		92

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	137422	40.366	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	152889	40.144	ng		95
45) 1,1'-Biphenyl	13.51	154	440461	36.834	ng		97
46) 2-Chloronaphthalene	13.56	162	347601	37.371	ng		99
47) 2-Nitroaniline	13.76	65	127790	38.861	ng		98
48) Acenaphthylene	14.40	152	573274	36.793	ng		97
49) Dimethylphthalate	14.13	163	481366	35.621	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	106995	38.881	ng		95
51) Acenaphthene	14.74	154	336725	34.693	ng		99
52) 3-Nitroaniline	14.58	138	64966	23.098	ng	#	81
53) 2,4-Dinitrophenol	14.79	184	62165	46.897	ng	#	60
54) Dibenzofuran	15.08	168	555073	35.959	ng		95
55) 4-Nitrophenol	14.89	139	161397	80.577	ng	#	78
56) 2,4-Dinitrotoluene	15.03	165	155038	39.271	ng		94
57) Fluorene	15.72	166	464923	35.936	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	150747	41.283	ng		95
59) Diethylphthalate	15.49	149	478805	34.458	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	265109	34.864	ng		99
61) 4-Nitroaniline	15.75	138	110031	37.399	ng	#	73
62) Azobenzene	16.01	77	512538	37.394	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	62471	26.844	ng		94
65) n-Nitrosodiphenylamine	15.93	169	418329	35.155	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	181536	37.429	ng		97
67) Hexachlorobenzene	16.73	284	179302	35.898	ng		97
68) Atrazine	16.87	200	181326	37.010	ng		97
69) Pentachlorophenol	17.07	266	181180	59.554	ng		98
70) Phenanthrene	17.47	178	743229	35.629	ng		98
71) Anthracene	17.55	178	775718	37.346	ng		97
72) Carbazole	17.82	167	702599	35.618	ng		98
73) Di-n-butylphthalate	18.38	149	797103	34.195	ng	#	98
74) Fluoranthene	19.47	202	972955	34.626	ng		96
76) Benzidine	19.65	184	513644	45.506	ng		98
77) Pyrene	19.83	202	982927	36.207	ng		98
79) Butylbenzylphthalate	20.71	149	350834	36.139	ng	#	96
80) Benzo(a)anthracene	21.67	228	970280	36.265	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	205211	21.997	ng	#	95
82) Chrysene	21.74	228	901083	36.344	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	476127	36.076	ng		99
84) Di-n-octyl phthalate	22.78	149	811120	36.705	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.57	276	1023679	37.293	ng	#	88
87) Benzo(b)fluoranthene	23.89	252	908649	34.972	ng	#	97
88) Benzo(k)fluoranthene	23.95	252	885393	34.856	ng	#	98
89) Benzo(a)pyrene	24.76	252	879348	36.379	ng	#	98
90) Dibenzo(a,h)anthracene	28.65	278	847329	35.706	ng	#	97
91) Benzo(g,h,i)perylene	29.74	276	860229	37.044	ng	#	96

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

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