Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031863.D
Acq On : 29 Dec 2017 20:43
Operator : SJ/JU
Sample : IDOC-03 AP
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-03 AP

Manual Integrations APPROVED
Sohil
1/2/2018 1:06:31 PM

Quant Time: Dec 31 23:06:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	56037	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	235348	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	161870	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	412826	20.00	ng		0.00
75) Chrysene-d12	22.49	240	458977	20.00	ng		-0.01
86) Perylene-d12	26.23	264	481794	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	437118	142.08	ng		0.00
7) Phenol-d6	7.89	99	564367	141.29	ng		0.00
23) Nitrobenzene-d5	9.99	82	310164	99.52	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	373825	151.35	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1088455	84.40	ng		0.00
78) Terphenyl-d14	20.69	244	1877090	93.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	33789	29.627	ng	#	72
3) Pyridine	4.32	79	159527	52.330	ng	#	76
4) n-Nitrosodimethylamine	4.22	42	43409	35.287	ng	#	90
6) Aniline	8.08	93	75914	14.771	ng		91
8) 2-Chlorophenol	8.33	128	145148	40.671	ng	#	79
9) Benzaldehyde	7.89	77	39238	16.314	ng		81
10) Phenol	7.92	94	166696	41.335	ng		90
11) bis(2-Chloroethyl)ether	8.18	93	116725	34.851	ng	#	78
12) 1,3-Dichlorobenzene	8.68	146	158135	35.682	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	158883	35.095	ng		95
14) 1,2-Dichlorobenzene	9.16	146	153079	35.685	ng		96
15) Benzyl Alcohol	9.02	79	115811	38.621	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.32	45	122413	44.882	ng		85
17) 2-Methylphenol	9.22	107	117282	40.645	ng		94
18) Hexachloroethane	9.92	117	49524	36.118	ng	#	83
19) n-Nitroso-di-n-propylamine	9.60	70	92132	33.773	ng	#	82
20) 3+4-Methylphenols	9.55	107	161135	39.291	ng		94
22) Acetophenone	9.63	105	205502	37.584	ng	#	87
24) Nitrobenzene	10.03	77	131540	40.950	ng	#	81
25) Isophorone	10.56	82	259631	38.697	ng	#	86
26) 2-Nitrophenol	10.76	139	83882	49.805	ng	#	84
27) 2,4-Dimethylphenol	10.79	122	154743	43.663	ng		90
28) bis(2-Chloroethoxy)methane	11.04	93	164023	36.434	ng		94
29) 2,4-Dichlorophenol	11.30	162	175085	42.082	ng		90
30) 1,2,4-Trichlorobenzene	11.53	180	182182	35.862	ng		99
31) Naphthalene	11.73	128	440561	37.092	ng		99
32) Benzoic acid	10.89	122	82880	36.205	ng	#	79
33) 4-Chloroaniline	11.81	127	57318	10.839	ng	#	89
34) Hexachlorobutadiene	11.99	225	121262	34.770	ng		96
35) Caprolactam	12.57	113	57721	45.769	ng	#	45
36) 4-Chloro-3-methylphenol	12.89	107	158496	41.248	ng	#	82
37) 2-Methylnaphthalene	13.28	142	363828	37.786	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	246272	36.120	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	296698	82.489	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	164149	41.757	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	178006	40.861	ng	#	90
45) 1,1'-Biphenyl	14.26	154	520109	37.620	ng		96
46) 2-Chloronaphthalene	14.31	162	393335	37.300	ng		96
47) 2-Nitroaniline	14.50	65	86857	47.690	ng	#	55
48) Acenaphthylene	15.15	152	607656	36.019	ng		99
49) Dimethylphthalate	14.85	163	600751	42.128	ng		99
50) 2,6-Dinitrotoluene	14.97	165	120946	46.104	ng	#	63
51) Acenaphthene	15.49	154	454116	41.100	ng		99
52) 3-Nitroaniline	15.30	138	59906	23.406	ng	#	68
53) 2,4-Dinitrophenol	15.50	184	149094	128.652	ng	#	72
54) Dibenzofuran	15.81	168	633688	37.414	ng		98
55) 4-Nitrophenol	15.59	139	194254	93.252	ng	#	66
56) 2,4-Dinitrotoluene	15.76	165	170466	50.535	ng	#	60
57) Fluorene	16.45	166	510309	37.089	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.03	232	184561	43.423	ng	#	86
59) Diethylphthalate	16.19	149	517062	37.202	ng		96
60) 4-Chlorophenyl-phenylether	16.44	204	303801	36.087	ng		90
61) 4-Nitroaniline	16.46	138	101724	40.729	ng		77
62) Azobenzene	16.73	77	336467	37.748	ng		82
64) 4,6-Dinitro-2-methylphenol	16.51	198	96943	48.224	ng	#	70
65) n-Nitrosodiphenylamine	16.64	169	477762	34.845	ng		98
66) 4-Bromophenyl-phenylether	17.32	248	222847	37.330	ng		94
67) Hexachlorobenzene	17.45	284	231235	37.891	ng	#	89
68) Atrazine	17.57	200	193757	36.343	ng		96
69) Pentachlorophenol	17.79	266	319108	76.023	ng		99
70) Phenanthrene	18.19	178	875814	37.487	ng		99
71) Anthracene	18.28	178	893635	37.919	ng		98
72) Carbazole	18.54	167	781351	37.459	ng		99
73) Di-n-butylphthalate	19.05	149	880293	37.974	ng		99
74) Fluoranthene	20.15	202	1087690	37.943	ng		96
76) Benzidine	20.31	184	65545	4.627	ng		99
77) Pyrene	20.51	202	1098688	37.475	ng		96
79) Butylbenzylphthalate	21.38	149	386716	39.293	ng	#	75
80) Benzo(a)anthracene	22.48	228	1085829	37.191	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	146876	12.975	ng	#	92
82) Chrysene	22.55	228	1015904	36.776	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	536491	37.625	ng	#	97
84) Di-n-octyl phthalate	23.72	149	902885	37.598	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.57	276	1348977	38.064	ng	#	90
87) Benzo(b)fluoranthene	25.03	252	1120466	37.465	ng	#	98
88) Benzo(k)fluoranthene	25.11	252	1119121m	37.391	ng		
89) Benzo(a)pyrene	26.06	252	1093392	38.174	ng	#	97
90) Dibenzo(a,h)anthracene	30.66	278	1114273	37.668	ng	#	96
91) Benzo(g,h,i)perylene	30.57	276	1348977	38.624	ng	#	94

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

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