Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091517\
Data File : BG028779.D
Acq On : 15 Sep 2017 22:39
Operator : SJ/JU
Sample : IDOC-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-04

Manual Integrations APPROVED
Sohil
9/18/2017 3:31:50 PM

Quant Time: Sep 16 06:04:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30594	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	125301	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	93136	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	246058	20.00	ng		-0.04
75) Chrysene-d12	21.98	240	284663	20.00	ng		-0.05
86) Perylene-d12	25.46	264	288572	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	199263	107.47	ng		-0.04
7) Phenol-d6	7.45	99	282394	101.16	ng		-0.04
23) Nitrobenzene-d5	9.46	82	175692	67.08	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	171495	111.33	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	478873	68.56	ng		-0.04
78) Terphenyl-d14	20.25	244	863922	64.72	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	18995	25.298	ng		95
3) Pyridine	4.18	79	34508	16.111	ng		95
4) n-Nitrosodimethylamine	4.09	42	29877	30.665	ng	#	73
6) Aniline	7.61	93	40501	12.466	ng		95
8) 2-Chlorophenol	7.86	128	69707	33.725	ng		87
9) Benzaldehyde	7.44	77	18038	10.415	ng		94
10) Phenol	7.47	94	109862	37.290	ng		85
11) bis(2-Chloroethyl)ether	7.70	93	61698	29.169	ng		91
12) 1,3-Dichlorobenzene	8.18	146	69435	31.197	ng	#	87
13) 1,4-Dichlorobenzene	8.33	146	72679	31.757	ng		99
14) 1,2-Dichlorobenzene	8.65	146	69703	30.828	ng		98
15) Benzyl Alcohol	8.53	79	73245	33.610	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.81	45	112538	29.274	ng		96
17) 2-Methylphenol	8.73	107	63365	32.914	ng		92
18) Hexachloroethane	9.38	117	25700	30.639	ng	#	84
19) n-Nitroso-di-n-propylamine	9.09	70	59531	30.082	ng	#	84
20) 3+4-Methylphenols	9.05	107	87480	32.487	ng		91
22) Acetophenone	9.12	105	111008	30.299	ng	#	85
24) Nitrobenzene	9.50	77	92251	31.806	ng	#	89
25) Isophorone	10.02	82	164743	31.084	ng		98
26) 2-Nitrophenol	10.22	139	39311	31.846	ng		92
27) 2,4-Dimethylphenol	10.27	122	61538	27.272	ng		95
28) bis(2-Chloroethoxy)methane	10.50	93	94009	32.663	ng		95
29) 2,4-Dichlorophenol	10.76	162	79923	35.600	ng		92
30) 1,2,4-Trichlorobenzene	10.97	180	84385	32.948	ng		96
31) Naphthalene	11.16	128	218596	33.403	ng		97
32) Benzoic acid	10.39	122	18627	16.236	ng	#	84
33) 4-Chloroaniline	11.28	127	25234	9.204	ng	#	88
34) Hexachlorobutadiene	11.43	225	58557	31.041	ng		99
35) Caprolactam	12.04	113	25483m	31.653	ng		
36) 4-Chloro-3-methylphenol	12.38	107	96906	33.167	ng		98
37) 2-Methylnaphthalene	12.75	142	172741	35.354	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	111099	29.012	ng	#	97
40) Hexachlorocyclopentadiene	13.08	237	94191	64.900	ng		94

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Quant Time: Sep 16 06:04:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	76996	31.679	ng		89
43) 2,4,5-Trichlorophenol	13.44	196	86119	35.262	ng	#	86
45) 1,1'-Biphenyl	13.74	154	232374	30.134	ng		95
46) 2-Chloronaphthalene	13.79	162	181827	32.328	ng		99
47) 2-Nitroaniline	14.00	65	70419	33.688	ng		90
48) Acenaphthylene	14.63	152	299143	33.291	ng		96
49) Dimethylphthalate	14.35	163	285603	36.569	ng		96
50) 2,6-Dinitrotoluene	14.48	165	60525	34.828	ng	#	80
51) Acenaphthene	14.97	154	179902	32.958	ng		97
52) 3-Nitroaniline	14.82	138	26974	17.552	ng		85
53) 2,4-Dinitrophenol	15.03	184	51717	58.831	ng		97
54) Dibenzofuran	15.30	168	308557	35.446	ng		95
55) 4-Nitrophenol	15.13	139	74148	65.855	ng	#	79
56) 2,4-Dinitrotoluene	15.27	165	87407	35.771	ng	#	82
57) Fluorene	15.96	166	263377	33.890	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.53	232	82512	38.334	ng		93
59) Diethylphthalate	15.70	149	274010	34.141	ng		98
60) 4-Chlorophenyl-phenylether	15.94	204	151969	34.342	ng		88
61) 4-Nitroaniline	15.98	138	53490	32.855	ng	#	79
62) Azobenzene	16.23	77	265183	39.286	ng		93
64) 4,6-Dinitro-2-methylphenol	16.04	198	51769	32.606	ng		99
65) n-Nitrosodiphenylamine	16.16	169	234034	33.179	ng		96
66) 4-Bromophenyl-phenylether	16.84	248	106867	33.754	ng		94
67) Hexachlorobenzene	16.97	284	115018	31.919	ng	#	83
68) Atrazine	17.10	200	101229	33.424	ng		93
69) Pentachlorophenol	17.31	266	107078	65.767	ng		98
70) Phenanthrene	17.71	178	446679	35.499	ng		95
71) Anthracene	17.79	178	437779	34.441	ng		95
72) Carbazole	18.06	167	388234	33.913	ng	#	94
73) Di-n-butylphthalate	18.59	149	473202	33.711	ng	#	93
74) Fluoranthene	19.70	202	555679	36.168	ng		93
76) Benzidine	19.88	184	43860	5.941	ng	#	94
77) Pyrene	20.07	202	571191	34.787	ng		96
79) Butylbenzylphthalate	20.93	149	217994	32.874	ng		91
80) Benzo(a)anthracene	21.97	228	589161	34.384	ng		92
81) 3,3'-Dichlorobenzidine	21.87	252	109141	15.710	ng	#	97
82) Chrysene	22.04	228	557307	34.279	ng		95
83) Bis(2-ethylhexyl)phthalate	21.83	149	314714	33.383	ng		99
84) Di-n-octyl phthalate	23.11	149	527051	31.998	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	689296	32.998	ng		99
87) Benzo(b)fluoranthene	24.35	252	603641	34.915	ng		99
88) Benzo(k)fluoranthene	24.42	252	600040m	34.746	ng		
89) Benzo(a)pyrene	25.30	252	577637	35.199	ng		96
90) Dibenzo(a,h)anthracene	29.50	278	582653	34.055	ng	#	98
91) Benzo(g,h,i)perylene	30.69	276	581097	34.809	ng		99

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

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