Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031255.D
Acq On : 28 Nov 2017 17:21
Operator : SJ/JU
Sample : IDOC-W-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-W-02

Manual Integrations APPROVED
Sohil
11/29/2017 4:30:02 PM

Quant Time: Nov 29 06:41:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42796	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	198036	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	147627	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	413875	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	487784	20.00	ng		-0.02
86) Perylene-d12	25.06	264	463872	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	321273	128.73	ng		-0.02
7) Phenol-d6	7.29	99	430227	127.96	ng		-0.01
23) Nitrobenzene-d5	9.30	82	242734	72.63	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	241396	101.08	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	752200	73.21	ng		-0.02
78) Terphenyl-d14	20.09	244	1552755	70.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	33601	33.176	ng		88
3) Pyridine	3.94	79	95636	32.526	ng		87
4) n-Nitrosodimethylamine	3.86	42	43895	31.500	ng	#	88
6) Aniline	7.45	93	71138	16.077	ng		94
8) 2-Chlorophenol	7.69	128	111855	40.613	ng		91
9) Benzaldehyde	7.27	77	40436	17.186	ng	#	78
10) Phenol	7.32	94	144186	41.293	ng		92
11) bis(2-Chloroethyl)ether	7.54	93	98234	35.235	ng		89
12) 1,3-Dichlorobenzene	8.02	146	114355	35.389	ng		94
13) 1,4-Dichlorobenzene	8.16	146	118703	36.250	ng		92
14) 1,2-Dichlorobenzene	8.49	146	111728	35.549	ng		97
15) Benzyl Alcohol	8.37	79	97078	35.995	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	144446	46.905	ng		91
17) 2-Methylphenol	8.58	107	99683	40.996	ng		95
18) Hexachloroethane	9.21	117	40690	35.703	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	82306	32.195	ng	#	92
20) 3+4-Methylphenols	8.91	107	136681	39.532	ng		94
22) Acetophenone	8.95	105	162986	33.054	ng	#	91
24) Nitrobenzene	9.34	77	118950	34.843	ng	#	86
25) Isophorone	9.86	82	234724	36.013	ng	#	92
26) 2-Nitrophenol	10.06	139	66454	37.345	ng	#	87
27) 2,4-Dimethylphenol	10.11	122	114981	43.524	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	145897	35.541	ng		98
29) 2,4-Dichlorophenol	10.60	162	134605	42.431	ng		90
30) 1,2,4-Trichlorobenzene	10.81	180	132851	35.077	ng		97
31) Naphthalene	11.00	128	343500	35.284	ng		99
32) Benzoic acid	10.24	122	57535	28.726	ng	#	83
33) 4-Chloroaniline	11.11	127	57028	13.381	ng		95
34) Hexachlorobutadiene	11.27	225	83186	31.670	ng		99
35) Caprolactam	11.87	113	53109m	40.982	ng		
36) 4-Chloro-3-methylphenol	12.23	107	143709	41.623	ng		88
37) 2-Methylnaphthalene	12.59	142	281164	37.412	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	171846	29.329	ng		97
40) Hexachlorocyclopentadiene	12.93	237	104808	52.579	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	124977	37.312	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	139964	38.191	ng		95
45) 1,1'-Biphenyl	13.59	154	389639	31.829	ng		96
46) 2-Chloronaphthalene	13.63	162	314517	35.609	ng		97
47) 2-Nitroaniline	13.83	65	96028	36.681	ng	#	85
48) Acenaphthylene	14.47	152	503417	34.824	ng		98
49) Dimethylphthalate	14.20	163	462258	36.215	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	104375	39.672	ng	#	74
51) Acenaphthene	14.82	154	310465	34.387	ng		99
52) 3-Nitroaniline	14.66	138	41563	14.878	ng	#	78
53) 2,4-Dinitrophenol	14.88	184	115777	79.990	ng	#	47
54) Dibenzofuran	15.15	168	525885	36.569	ng		98
55) 4-Nitrophenol	14.99	139	161153	80.982	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	154056	40.504	ng	#	72
57) Fluorene	15.80	166	432043	37.005	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	140325	40.175	ng	#	90
59) Diethylphthalate	15.55	149	479066	36.948	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	249218	35.344	ng		93
61) 4-Nitroaniline	15.82	138	115125	38.918	ng		89
62) Azobenzene	16.07	77	364959	36.908	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	92740	33.711	ng		81
65) n-Nitrosodiphenylamine	16.00	169	411324	32.797	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	167627	31.978	ng		97
67) Hexachlorobenzene	16.81	284	172878	31.039	ng		95
68) Atrazine	16.94	200	185952	35.936	ng		97
69) Pentachlorophenol	17.15	266	180896	58.755	ng		98
70) Phenanthrene	17.54	178	780742	36.231	ng		99
71) Anthracene	17.63	178	797798	36.948	ng		99
72) Carbazole	17.90	167	765338	37.828	ng		99
73) Di-n-butylphthalate	18.43	149	916624	36.899	ng		99
74) Fluoranthene	19.54	202	1060288	38.861	ng		97
76) Benzidine	19.71	184	203580	12.993	ng		98
77) Pyrene	19.90	202	1089465	37.639	ng		99
79) Butylbenzylphthalate	20.76	149	420451	36.431	ng		85
80) Benzo(a)anthracene	21.75	228	1075952	35.511	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	205425	16.796	ng		96
82) Chrysene	21.81	228	1016347	36.262	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	591027	35.478	ng		99
84) Di-n-octyl phthalate	22.85	149	1018263	37.554	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1177715	34.564	ng	#	91
87) Benzo(b)fluoranthene	24.01	252	1057882	37.701	ng		98
88) Benzo(k)fluoranthene	24.09	252	1056892	38.000	ng		98
89) Benzo(a)pyrene	24.92	252	1026175	38.497	ng		98
90) Dibenzo(a,h)anthracene	28.90	278	982268	36.052	ng		98
91) Benzo(g,h,i)perylene	30.04	276	986195	37.294	ng		98

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

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